

Test Report

Report No.: SAIL2412251786R263

Date: Apr. 14, 2025

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Applicant: ARYA GROUP S.p.A

Address: Via Tropea, 40 -00178 Rome

The following sample was submitted and identified by/on behalf of the client as:

Product Name: Heat Pump Heater

Model No.: FUSION AR300L-PC

Client Reference Information: FUSION AR200L-PC, FUSION AR200L-PCS, FUSION AR300L-PCS

Trade Mark: ARYA

Manufacturer: ARYA GROUP S.p.A

Manufacturer Address: Via Tropea, 40 -00178 Rome

Factory: ARYA GROUP S.p.A

Factory Address: Via Tropea, 40 -00178 Rome

Sample Received Date: 2024.12.27

Testing Period: 2024.12.27—2025.4.14

Test Method: Please refer to the following page(s).

Test Result(s): Please refer to the following page(s).

Test Requested

As specified by client, according to RoHS Directive 2011/65/EU with amendment (EU) 2015/863, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr (VI)), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Phthalates (DBP, BBP, DEHP, DIBP) in the tested materials of the submitted sample(s).

Result

Pass



Signed for and on behalf of
Shenzhen SAIL Testing Technology Co.,Ltd.



Mars Zhang
Technical Manager

Tested Result:

1. Screening Result

With reference to IEC 62321-3-1:2013, by XRF

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
1	Silvery metal with white plating	BL	BL	BL	BL	NA	NA	2025-01-07
2	Silvery metal with grey plating	BL	BL	BL	BL	NA	NA	2025-01-07
3	Silvery metal with white plating	BL	BL	BL	BL	NA	NA	2025-01-07
4	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
5	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
6	Silvery metal with white plating	BL	BL	BL	BL	NA	NA	2025-01-07
7	Silvery metal with black plating	BL	BL	BL	BL	NA	NA	2025-01-07
8	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
9	Silvery metal screw	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
10	Silvery metal screw	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
11	Silvery metal with black plating	BL	BL	BL	BL	NA	NA	2025-01-07
12	Black adhesive foam	BL	BL	BL	BL	BL	BL	2025-01-07
13	Begie plastic	BL	BL	BL	BL	BL	BL	2025-01-07
14	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
15	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
16	Silvery metal screw	BL	BL	BL	BL	NA	NA	2025-01-07
17	Silvery metal with white plating	BL	BL	BL	BL	NA	NA	2025-01-07
18	Silvery metal with golden plating	BL	BL	BL	BL	NA	NA	2025-01-07
19	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
20	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
21	White ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
22	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
23	Silvery metal with black plating	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
24	Silvery adhesive plastic	BL	BL	BL	BL	BL	BL	2025-01-07
25	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
26	White solid glue	BL	BL	BL	BL	BL	BL	2025-01-07
27	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
28	Silvery metal with black plating	BL	BL	BL	BL	NA	NA	2025-01-07
29	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
30	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
31	Silvery metal with black plating	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
32	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
33	Yellow plastic	BL	BL	BL	BL	BL	BL	2025-01-07
34	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
35	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
36	Black magnets	BL	BL	BL	BL	NA	NA	2025-01-07
37	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
38	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
39	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
40	Green PCB	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
41	Solder	BL	BL	BL	BL	NA	NA	2025-01-07
42	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
43	Black foam	BL	BL	BL	BL	BL	BL	2025-01-07
44	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
45	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
46	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
47	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
48	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
49	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
50	Grey plastic	BL	BL	BL	BL	BL	BL	2025-01-07
51	Blue plastic	BL	BL	BL	BL	BL	BL	2025-01-07
52	Red plastic	BL	BL	BL	BL	BL	BL	2025-01-07
53	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
54	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
55	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
56	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
57	Green PCB	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
58	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
59 ^(R)	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-02-20
60	Grey plastic	BL	BL	BL	BL	BL	BL	2025-01-07
61	Silvery adhesive plastic	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
62	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
63 ^(R)	White soft plastic	BL	BL	BL	BL	BL	BL	2025-02-20
64	Yellow foam	BL	BL	BL	BL	BL	BL	2025-01-07
65	Silvery metal with white plating	BL	BL	BL	BL	NA	NA	2025-01-07
66	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
67	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
68	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
69 ^(R)	Grey soft plastic	BL	BL	BL	BL	BL	BL	2025-02-20
70	Silvery metal with grey plating	BL	BL	BL	BL	NA	NA	2025-01-07
71 ^(R)	Black foam	BL	BL	BL	BL	BL	BL	2025-02-20
72	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
73	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
74	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
75 ^③	Golden metal	OL	BL	BL	BL	NA	NA	2025-01-07 2025-01-09
76	Red plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
77	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
78	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
79	Golden metal	BL	BL	BL	BL	NA	NA	2025-01-07
80	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
81	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
82	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
83	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
84 ^(R)	White plastic	BL	BL	BL	BL	BL	BL	2025-03-31
85 ^(R)	Black plastic	BL	BL	BL	BL	BL	BL	2025-03-31
86	Silvery metal with golden plating	BL	BL	BL	BL	NA	NA	2025-01-07
87 ^(R)	Blue plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
88	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
89	Silvery metal wire core	BL	BL	BL	BL	NA	NA	2025-01-07
90 ^(R)	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-03-31
91	Blue plastic	BL	BL	BL	BL	BL	BL	2025-01-07
92	Coppery metal wire core	BL	BL	BL	BL	NA	NA	2025-01-07
93	Grey plastic	BL	BL	BL	BL	BL	BL	2025-01-07
94	White soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
95	Silvery metal screw	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
96	Silvery metal with golden plating	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
97	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
98	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
99	Silvery metal screw	BL	BL	BL	BL	NA	NA	2025-01-07
100	Grey plastic	BL	BL	BL	BL	BL	BL	2025-01-07
101	Black plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
102	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
103	Blue plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
104	Pink plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
105	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
106	Silvery metal with white coating	BL	BL	BL	BL	NA	NA	2025-01-07
107 ^(R)	Blue plastic	BL	BL	BL	BL	BL	BL	2025-03-31
108	Red plastic	BL	BL	BL	BL	BL	BL	2025-01-07
109 ^(R)	Black plastic	BL	BL	BL	BL	BL	BL	2025-03-31
110 ^(R)	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
111 ^(R)	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-03-31
112 ^(R)	White plastic	BL	BL	BL	BL	BL	BL	2025-03-31
113 ^(R)	Transparent plastic	BL	BL	BL	BL	BL	BL	2025-02-20
114 ^(R)	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
115	Yellow plastic	BL	BL	BL	BL	BL	BL	2025-01-07
116 ^(R)	Red plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
117 ^(R)	Green plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
118 ^(R)	Green plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
119	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
120	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
121	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
122	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
123	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
124	White electronic components	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
125	Blue transparent plastic	BL	BL	BL	BL	BL	BL	2025-01-07
126	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
127	Green plastic	BL	BL	BL	BL	BL	BL	2025-01-07
128	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
129	Silvery metal	BL	BL	BL	X	NA	NA	2025-01-07 2025-01-09
130	Brown plastic	BL	BL	BL	BL	BL	BL	2025-01-07
131	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
132	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
133	Brown paper	BL	BL	BL	BL	BL	BL	2025-01-07
134	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-01-07
135	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
136	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
137	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
138	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
139	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
140	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
141	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
142	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
143	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
144	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
145	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
146	Black magnet	BL	BL	BL	BL	NA	NA	2025-01-07
147	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
148	Yellow adhesive plastic tape	BL	BL	BL	BL	BL	BL	2025-01-07
149	White transparent plastic	BL	BL	BL	BL	BL	BL	2025-01-07
150	Black magnet	BL	BL	BL	BL	NA	NA	2025-01-07
151	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
152	Black plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
153	White textile	BL	BL	BL	BL	BL	BL	2025-01-07
154	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
155	Solder	BL	BL	BL	BL	NA	NA	2025-01-07
156	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
157	Coppery metal	BL	BL	BL	BL	NA	NA	2025-01-07
158	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
159	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
160	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
161	Green plastic	BL	BL	BL	BL	BL	BL	2025-01-07
162	Green plastic	BL	BL	BL	BL	BL	BL	2025-01-07
163	Red plastic	BL	BL	BL	BL	BL	BL	2025-01-07
164	Red plastic	BL	BL	BL	BL	BL	BL	2025-01-07
165	Yellow plastic	BL	BL	BL	BL	BL	BL	2025-01-07
166	Yellow plastic	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
167	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
168	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
169	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
170	Red plastic	BL	BL	BL	BL	BL	BL	2025-01-07
171	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
172	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
173	White plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
174	Black plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
175	Blue plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
176	White plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
177	Red plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
178	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
179	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
180	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
181	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
182	Silvery adhesive plastic with black printing	BL	BL	BL	BL	BL	BL	2025-01-07
183 ^(R)	White plastic	BL	BL	BL	BL	BL	BL	2025-03-31
184	Silvery metal wire core	BL	BL	BL	BL	NA	NA	2025-01-07
185 ^(R)	Blue plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
186 ^(R)	White plastic jacket	BL	BL	BL	BL	BL	BL	2025-02-20
187 ^(R)	Transparent plastic	BL	BL	BL	BL	BL	BL	2025-03-31

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
188 ^(R)	Blue textile	BL	BL	BL	BL	BL	BL	2025-03-31
189	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
190	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
191	Blue plastic	BL	BL	BL	BL	BL	BL	2025-01-07
192	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
193	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
194	Coppery metal wire core	BL	BL	BL	BL	NA	NA	2025-01-07
195	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
196	Black plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
197	Red plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
198	Green plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
199	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
200	Black plastic	BL	BL	BL	BL	X	X	2025-01-07 2025-01-09
201	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
202	Black ceramic	BL	BL	BL	BL	BL	BL	2025-01-07
203	Orange plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
204	Red plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
205	Black plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
206	Grey plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
207	Yellow plastic jacket	BL	BL	BL	BL	BL	BL	2025-01-07
208	White textile	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
209	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
210	Black plastic	BL	BL	BL	BL	BL	BL	2025-01-07
211	White plastic	BL	BL	BL	BL	BL	BL	2025-01-07
212	Silvery metal	BL	BL	BL	BL	NA	NA	2025-01-07
213	White solid glue	BL	BL	BL	BL	BL	BL	2025-01-07
214	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
215	Yellow electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
216	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
217	Yellow electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
218	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
219	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
220	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
221	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
222	Yellow electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
223	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
224	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
225	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
226	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
227	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
228	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
229	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07

Spec. No.	Specimen Description:	Results						Date of sample submission /Resubmission
		Pb	Cd	Hg	Cr [▽]	Br [▽]		
						PBB	PBDE	
230	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
231	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
232	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
233	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
234	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
235	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
236	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
237	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
238	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
239	Black electronic components	BL	BL	BL	BL	BL	BL	2025-01-07
240	Blue electronic components	BL	BL	BL	BL	BL	BL	2025-01-07

2. Test result for Chemical Confirmation

(1) The test results of Lead (Pb)

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Item	Unit	MDL	Results	Limit
			75 ³	
Lead Content (Pb)	mg/kg	2	1.77x10 ⁴	1000

(2) The test results of Hexavalent Chromium (Cr(VI))

With reference to IEC 62321-7-1:2015, by visible spectrophotometer (Vis)

Item	Unit	MDL	Results				Limit
			5	9	10	23	
Hexavalent Chromium (Cr (VI)) [#]	ug/cm ²	0.10	ND	ND	ND	ND	-

Item	Unit	MDL	Results				Limit
			31	49	58	67	
Hexavalent Chromium (Cr (VI)) [#]	ug/cm ²	0.10	ND	ND	ND	ND	-

Item	Unit	MDL	Results				Limit
			80	81	95	96	
Hexavalent Chromium (Cr (VI)) [#]	ug/cm ²	0.10	ND	ND	ND	ND	-

Item	Unit	MDL	Results				Limit
			97	98	126	129	
Hexavalent Chromium (Cr (VI)) [#]	ug/cm ²	0.10	ND	ND	ND	ND	-

(3) The test results of PBB & PBDE

With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results				Limit
			40	42	62	72	
Polybrominated Biphenyls (PBB)							
Monobromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)							
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	ND	1000

Item	Unit	MDL	Results			Limit
			73	76	139	
Polybrominated Biphenyls (PBB)						
Monobromobiphenyl	mg/kg	5	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)						
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000

Item	Unit	MDL	Results			Limit
			143	151	173	
Polybrominated Biphenyls (PBB)						
Monobromobiphenyl	mg/kg	5	ND	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)						
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	
Total content	mg/kg	/	ND	ND	ND	1000

Item	Unit	MDL	Results		Limit
			200	57	
Polybrominated Biphenyls (PBB)					
Monobromobiphenyl	mg/kg	5	ND	ND	
Dibromobiphenyl	mg/kg	5	ND	ND	
Tribromobiphenyl	mg/kg	5	ND	ND	
Tetrabromobiphenyl	mg/kg	5	ND	ND	
Pentabromobiphenyl	mg/kg	5	ND	ND	
Hexabromobiphenyl	mg/kg	5	ND	ND	
Heptabromobiphenyl	mg/kg	5	ND	ND	
Octabromobiphenyl	mg/kg	5	ND	ND	
Nonabromodiphenyl	mg/kg	5	ND	ND	
Decabromodiphenyl	mg/kg	5	ND	ND	
Total content	mg/kg	/	ND	ND	1000
Polybrominated Diphenyl Ethers (PBDE)					
Monobromodiphenyl ether	mg/kg	5	ND	ND	
Dibromodiphenyl ether	mg/kg	5	ND	ND	
Tribromodiphenyl ether	mg/kg	5	ND	ND	
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	
Pentabromodiphenyl ether	mg/kg	5	ND	ND	
Hexabromodiphenyl ether	mg/kg	5	ND	ND	
Heptabromodiphenyl ether	mg/kg	5	ND	ND	
Octabromodiphenyl ether	mg/kg	5	ND	ND	
Nonabromodiphenyl ether	mg/kg	5	ND	ND	
Decabromodiphenyl ether	mg/kg	5	ND	ND	
Total content	mg/kg	/	ND	ND	1000

(4) The test results of DBP, BBP, DEHP and DIBP

With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results		Limit
			4+8+19+22+68	12+43	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			13+29+33+42+53	24+61+148+182	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	971	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			25+133+149+208	26+30+94+134+213	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			50+51+52+54+60	55+62+72+73+74	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			64	76+77+91+93+100	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	976	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			101	102+103+104	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	378	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			105	130+131	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results	Limit
			108+115+121+122+127	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	355	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results		Limit
			138+158	152	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	370	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results	Limit
			139+143+151+192+200	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results		Limit
			153	154	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results	Limit
			159+160+161+162+163	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results	Limit
			164+165+166+167+168	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results	Limit
			170+172+173+191+211	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results	Limit
			174+175+176+177+178	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results		Limit
			193	195+196+197+198	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			199	209+210	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results	Limit
			203+204+205+206+207	
DibuyI Phthalate (DBP)	mg/kg	250	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	1000
Diispbutyl phthalate (DIBP)	mg/kg	250	ND	1000

Item	Unit	MDL	Results		Limit
			40+57	59	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			63	69	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			71	87	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			110	113	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			116	117	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			118	185	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			186	84	
Dibutyl Phthalate (DBP)	mg/kg	250	ND	ND	1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND	ND	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND	ND	1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND	ND	1000

Item	Unit	MDL	Results		Limit
			183		
Dibutyl Phthalate (DBP)	mg/kg	250	ND		1000
Benzylbutyl Phthalate (BBP)	mg/kg	250	ND		1000
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	250	ND		1000
Diisobutyl phthalate (DIBP)	mg/kg	250	ND		1000

Note:

- (1) Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), Vis (for Cr (VI)) and GC-MS (for PBB, PBDE) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	$BL \leq 70-3\sigma < X < 130+3\sigma \leq OL$	$BL \leq 70-3\sigma < X < 130+3\sigma \leq OL$	$LOD < X < 150+3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700-3\sigma < X < 1300+3\sigma \leq OL$	$BL \leq 700-3\sigma < X < 1300+3\sigma \leq OL$	$BL \leq 500-3\sigma < X < 1500+3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700-3\sigma < X < 1300+3\sigma \leq OL$	$BL \leq 700-3\sigma < X < 1300+3\sigma \leq OL$	$BL \leq 500-3\sigma < X < 1500+3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700-3\sigma < X$	$BL \leq 700-3\sigma < X$	$BL \leq 500-3\sigma < X$
Br	mg/kg	$BL \leq 300-3\sigma < X$	NA	$BL \leq 250-3\sigma < X$

- (2) The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
- (3) This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g., plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.

- (4) The maximum permissible limit is quoted from the document 2015/863/EC amending RoHS directive 2011/65/EU:
- (5) ▽=For restricted substances PBB and PBDE, the results show the total Br content; The restricted substance was Cr (VI), and the results showed the total Cr content

- (6) BL =Below Limit

LOD = Limits of detection

OL =Over Limit

X =Inconclusive

3σ = The reproducibility of analytical instruments

NA= Not applicable

MDL = Method Detection Limit

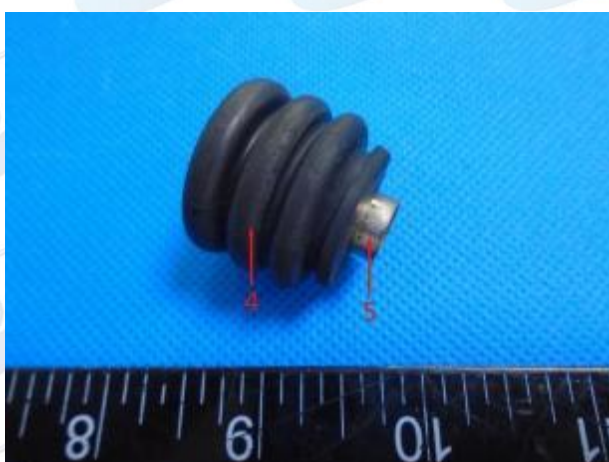
mg/kg = ppm=parts per million

ND=Not Detected (<MDL or LOQ)

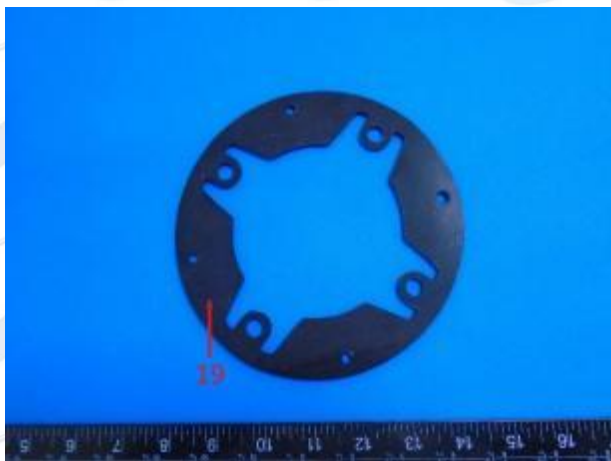
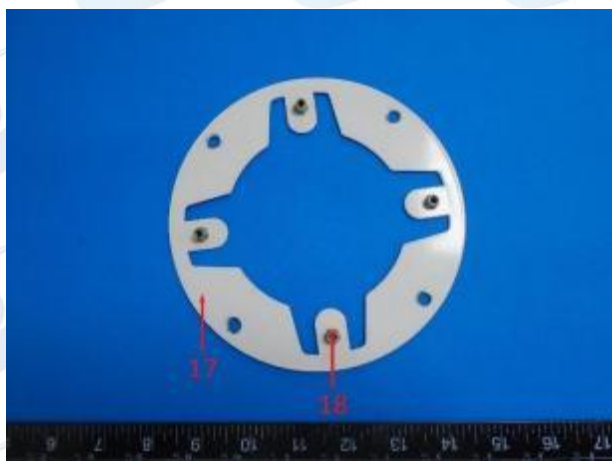
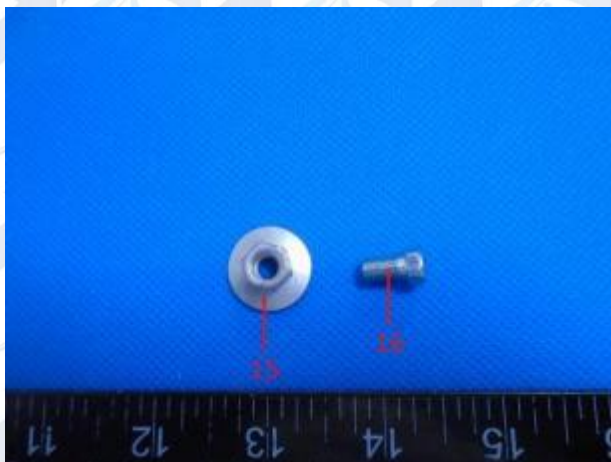
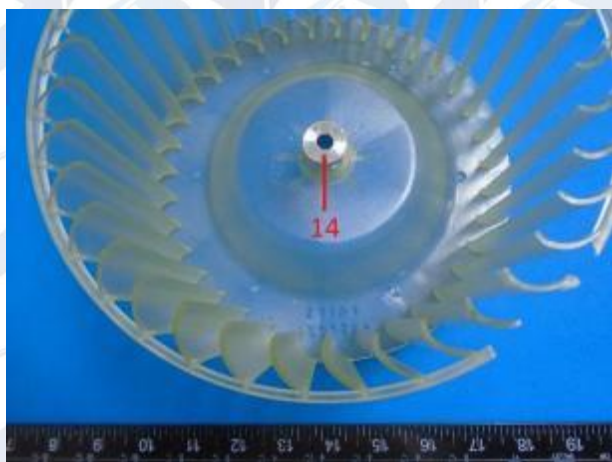
- (7) # = a. The sample is positive for Cr (VI) if the Cr (VI) concentration is greater than $0.13\mu\text{g}/\text{cm}^2$. The sample coating is considered to contain Cr (VI)
- b. The sample is negative for Cr (VI) if Cr (VI) is ND (concentration less than $0.10\mu\text{g}/\text{cm}^2$). The sample coating is considered a non- Cr (VI) based coating
- c. The result between $0.10\mu\text{g}/\text{cm}^2$ and $0.13\mu\text{g}/\text{cm}^2$ is considered to be inconclusive, unavoidable coating variations may influence the determination

- (8) Information on storage conditions and production date of the tested samples is unavailable and this Cr (VI) results represent status of the sample at the time of testing
- (9) According to the client's statement,
- ① RoHS Exemption: 6(a)-I an alloying element in steel for machining purposes containing up to 0.35 % lead by weight and in galvanized steel containing up to 0.20 % lead by weight.
 - ② RoHS Exemption: 6(b)-II Aluminum alloy for machining purposes containing up to 0.4% lead by weight.
 - ③ RoHS Exemption: 6(c), Copper alloy containing up to 4 % lead by weight.
 - ④ RoHS Exemption: 7(c)-I, Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g., piezoelectronic devices, or in a glass or ceramic matrix compound
- (10) ^(R)=Re-submitted sample.
- (11) The test report is only used for the purpose of customer research, teaching, internal quality control, product development and other purposes, and is for internal reference only.
- (12) Only selected materials were tested as per client's requirement.

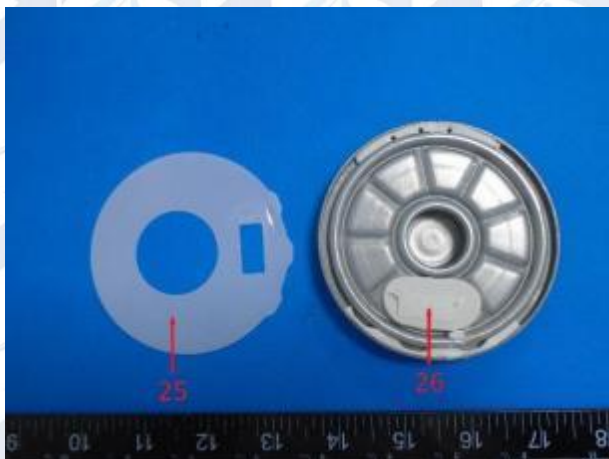
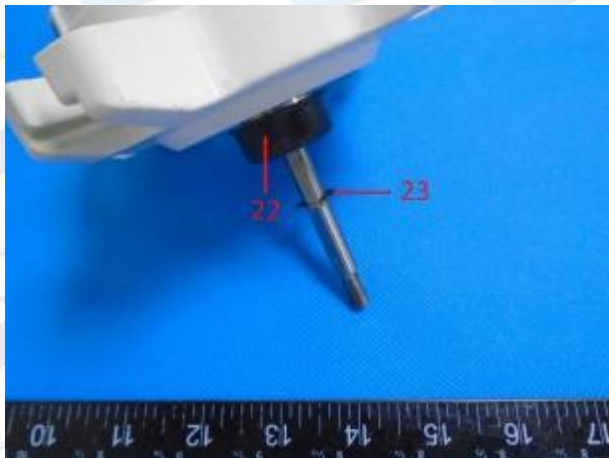
Photo(s) of the sample(s)



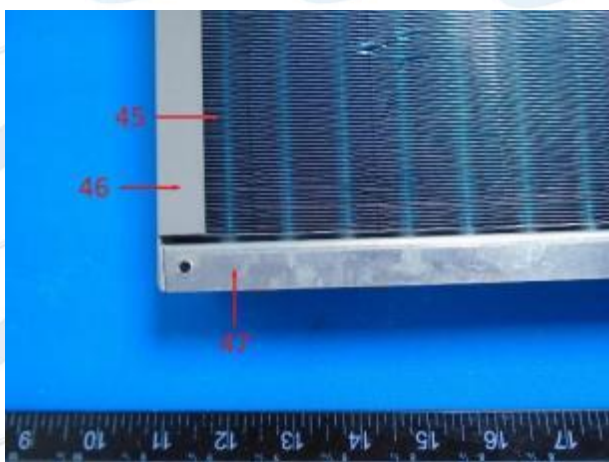
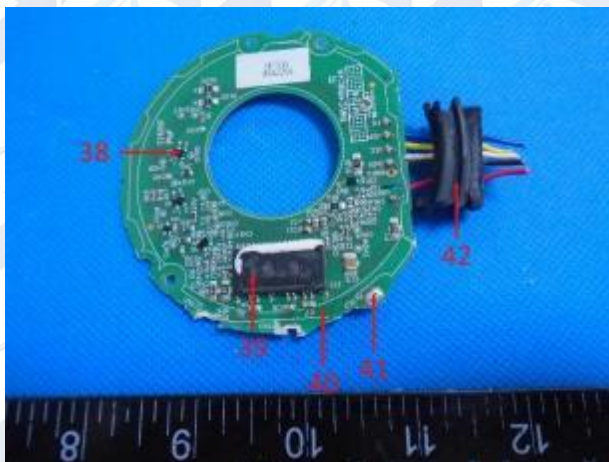
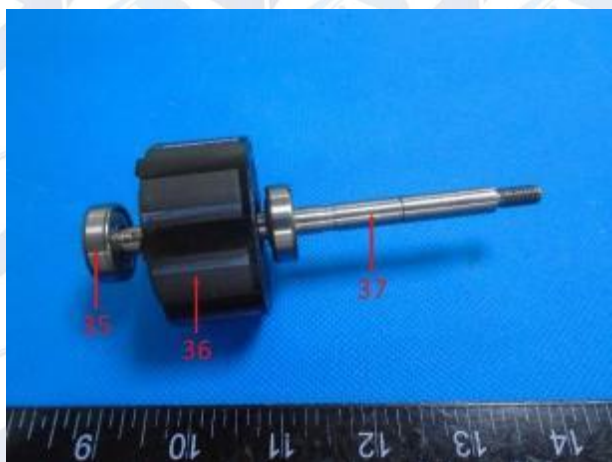
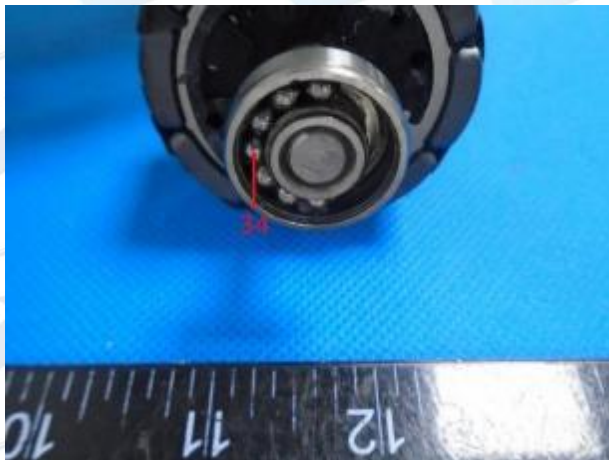
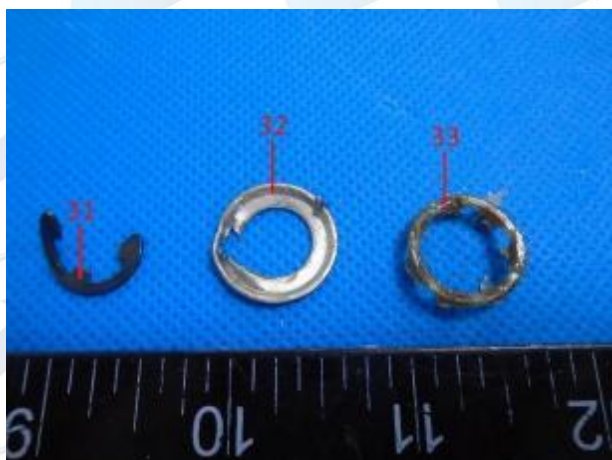
Photo(s) of the sample(s)



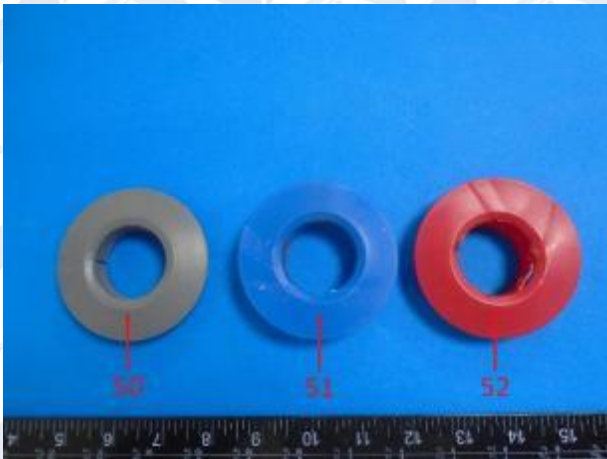
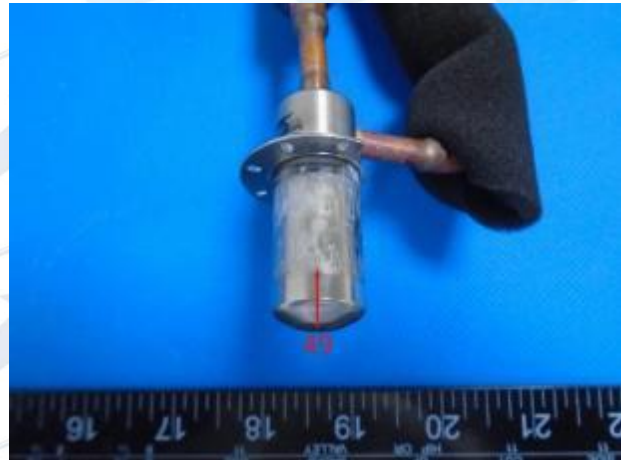
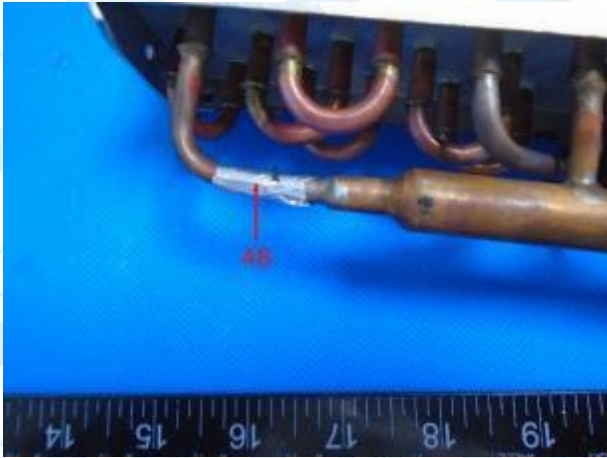
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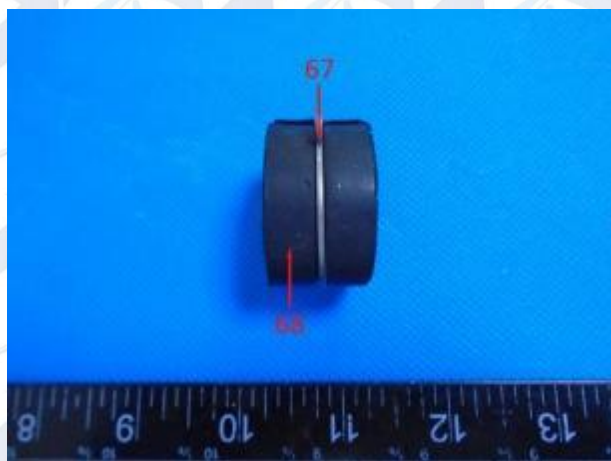
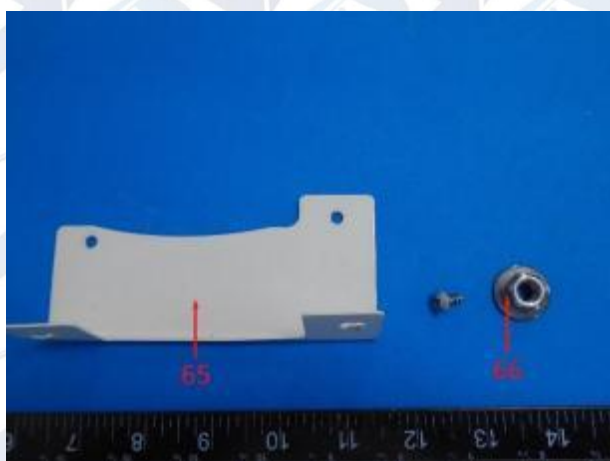
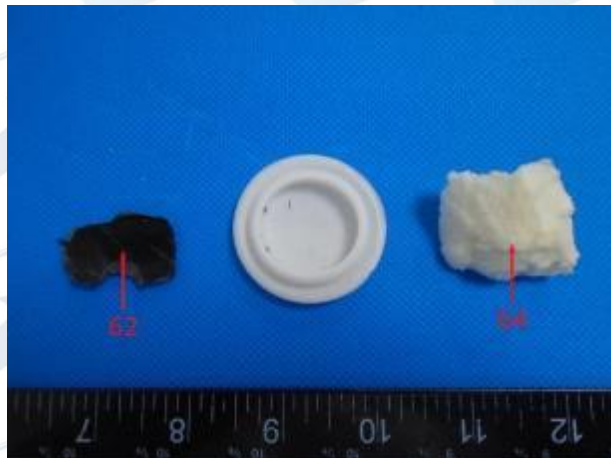
Photo(s) of the sample(s)



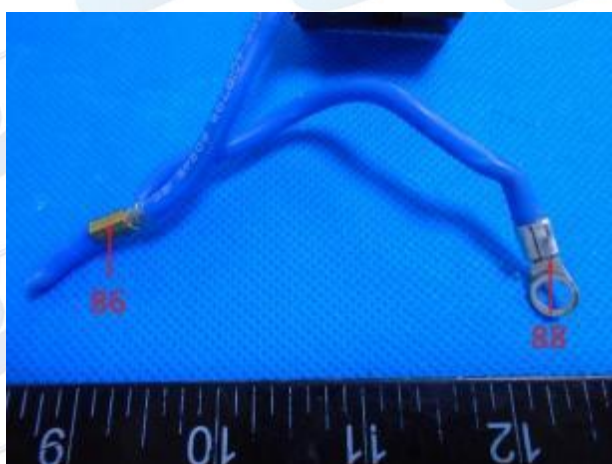
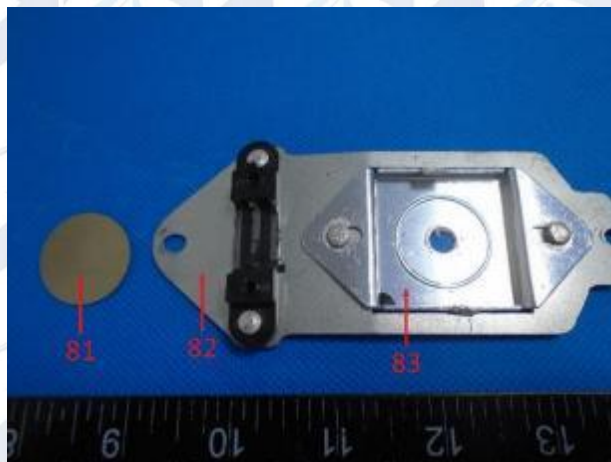
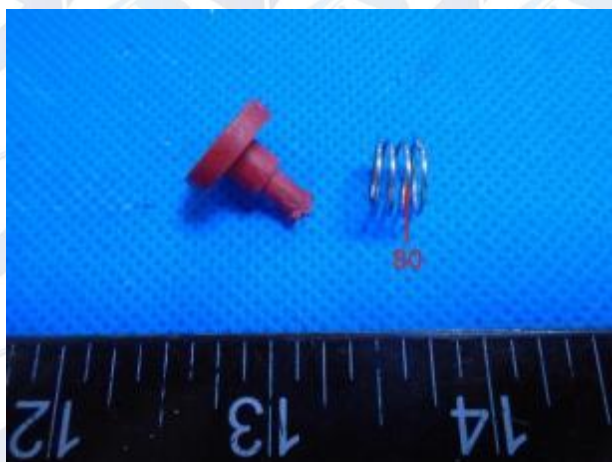
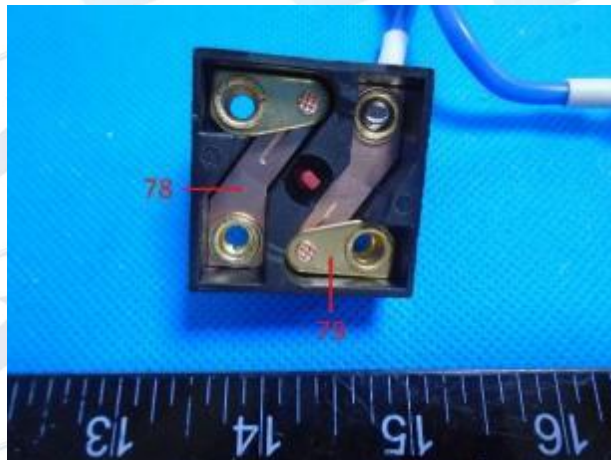
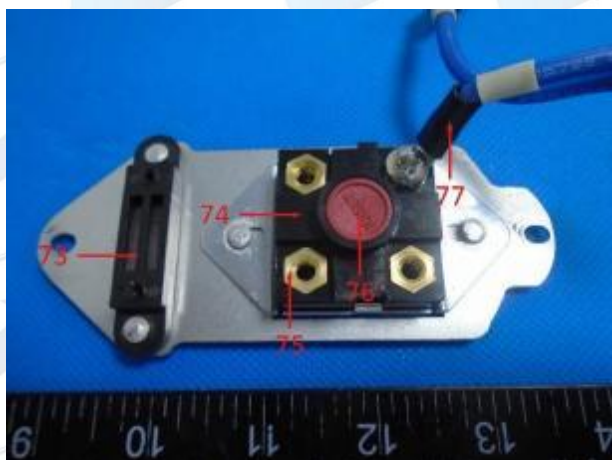
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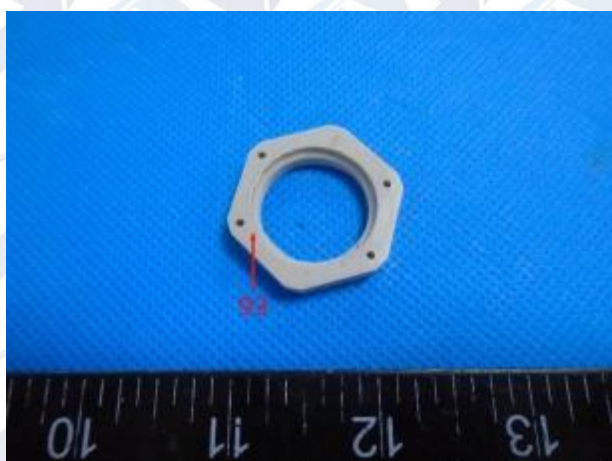
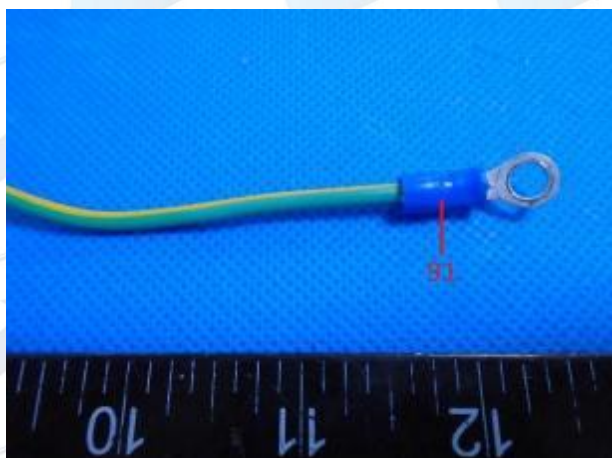
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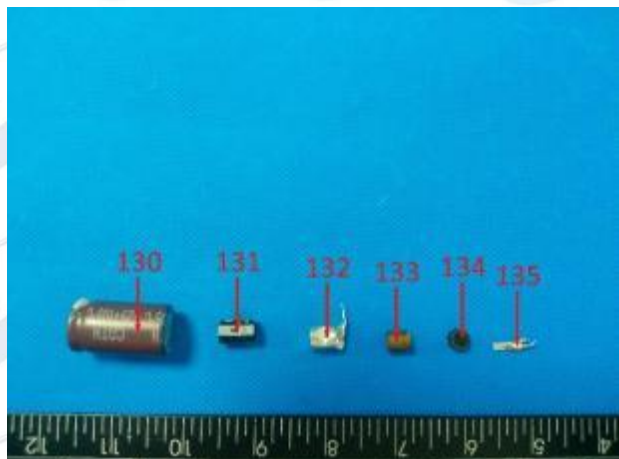
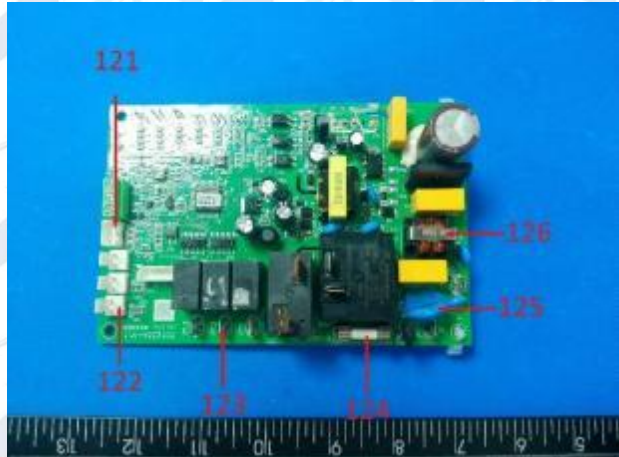
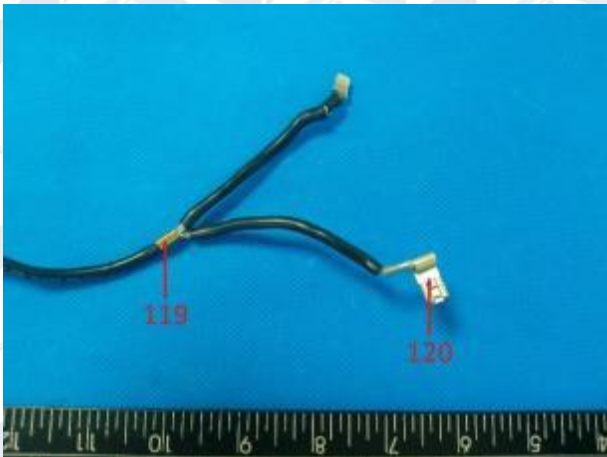
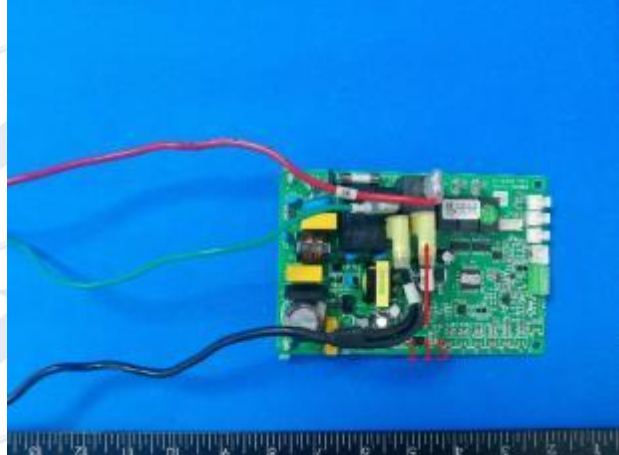
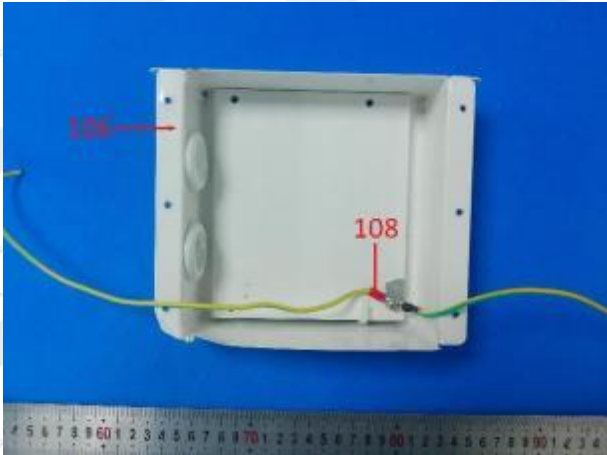
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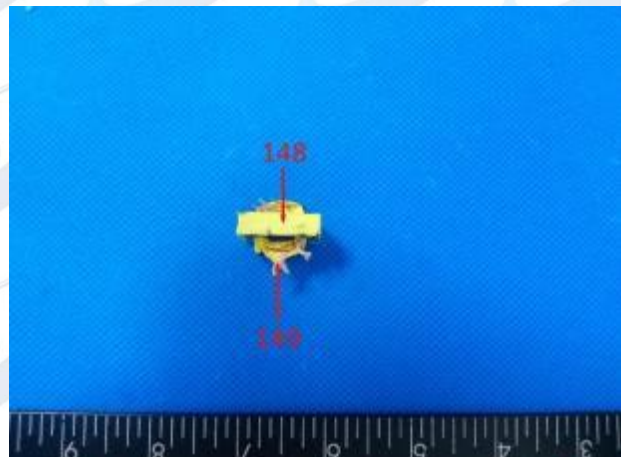
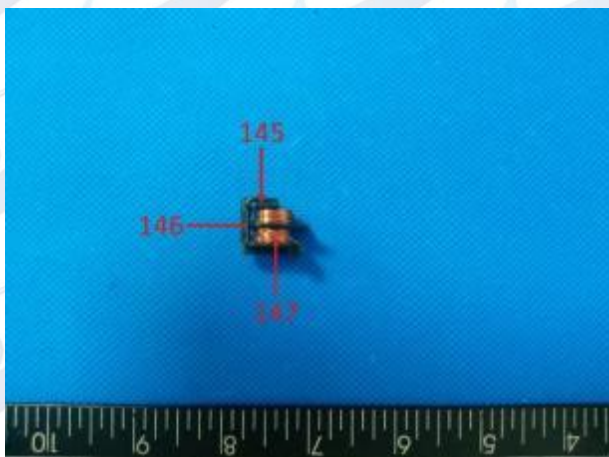
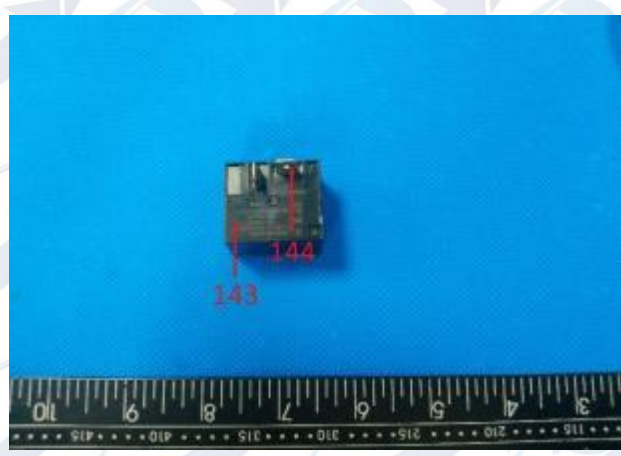
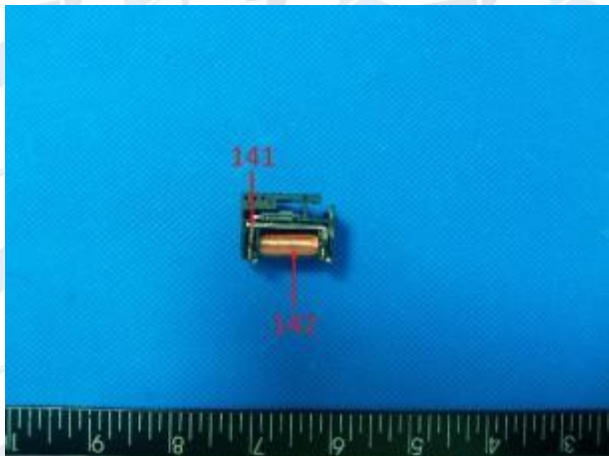
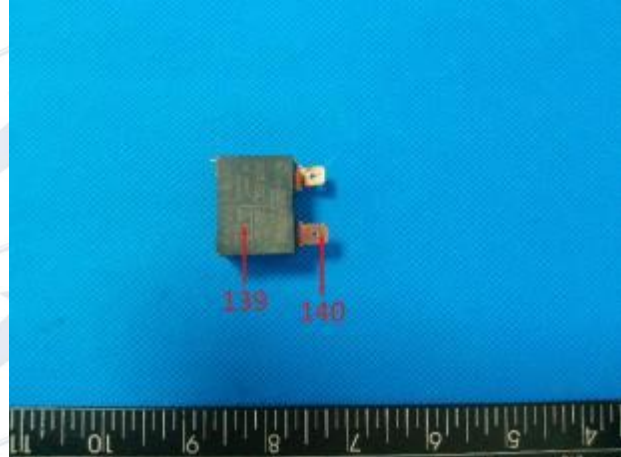
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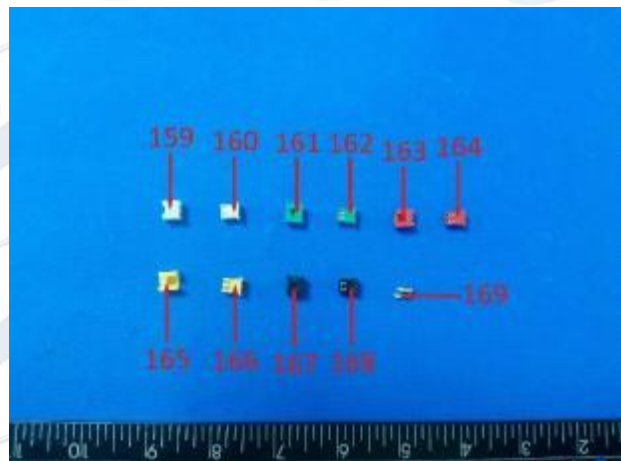
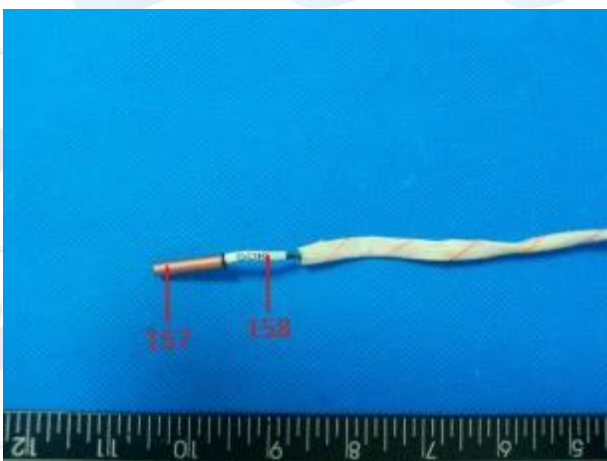
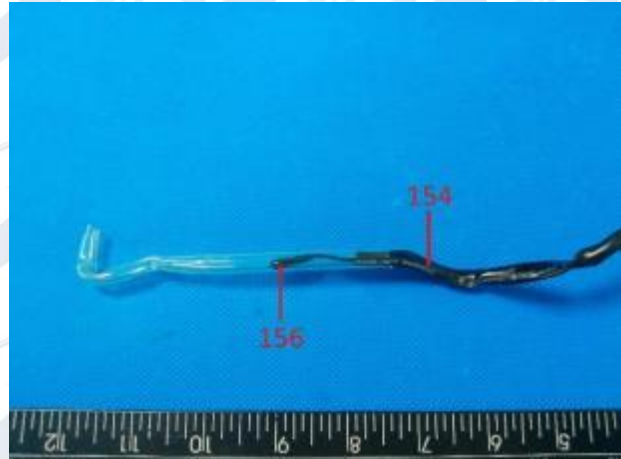
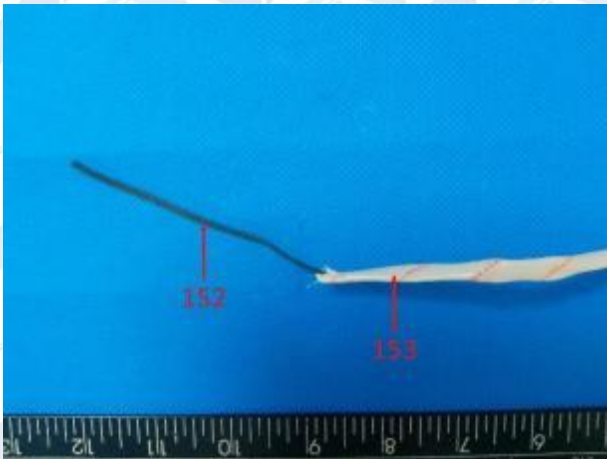
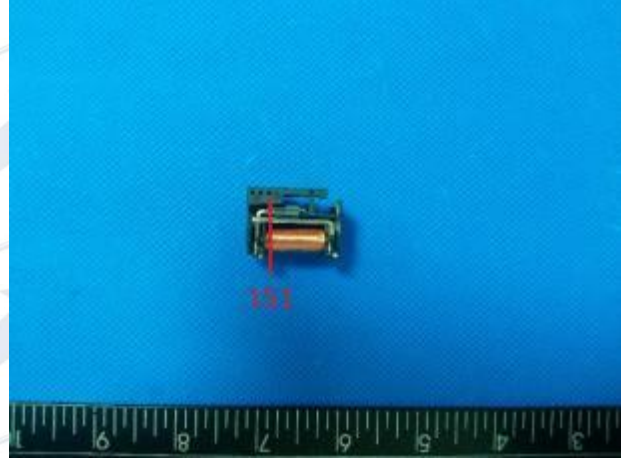
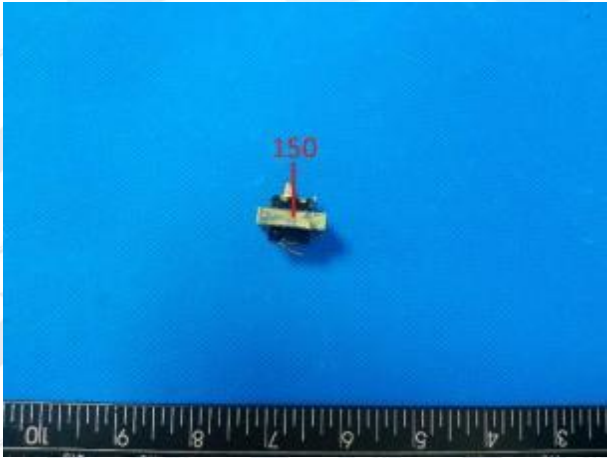
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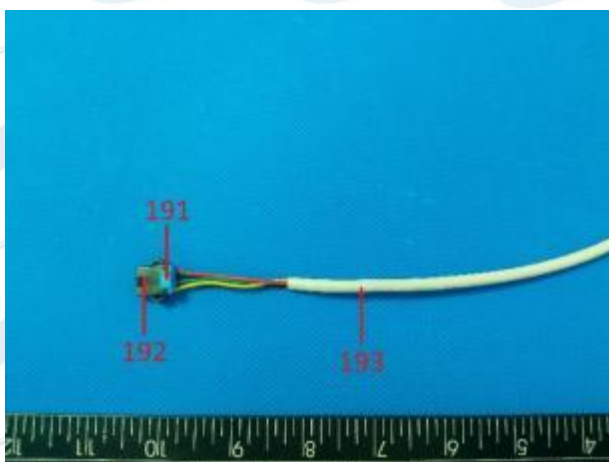
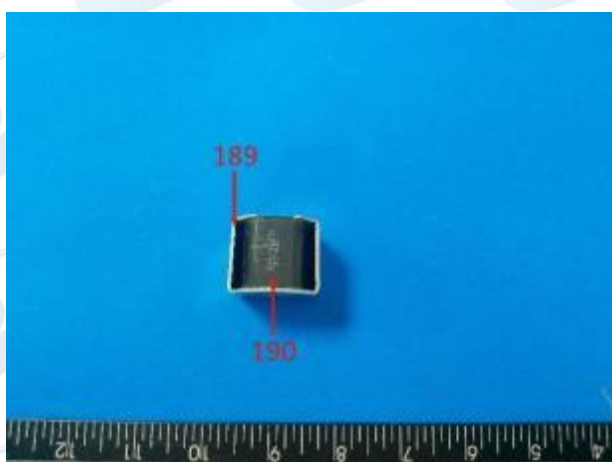
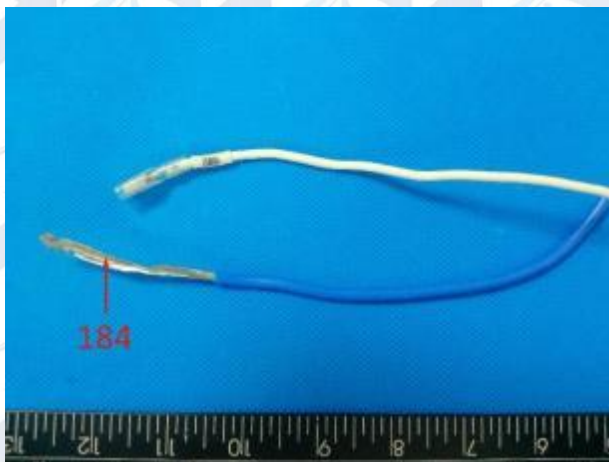
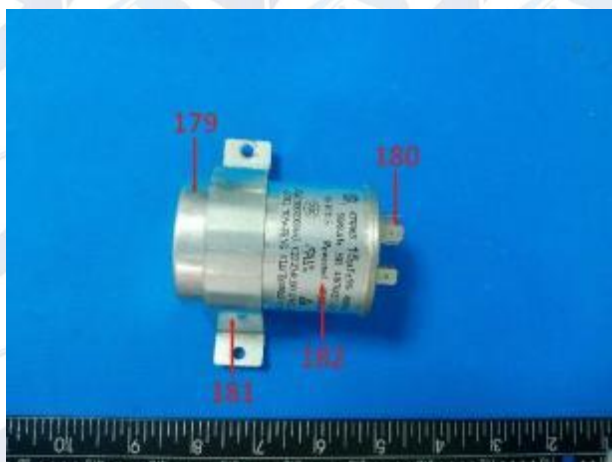
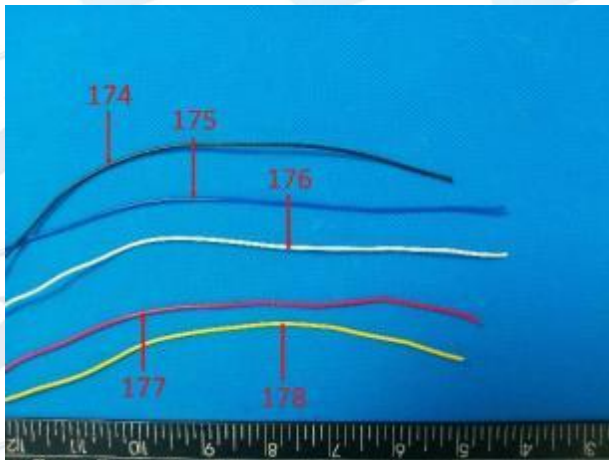
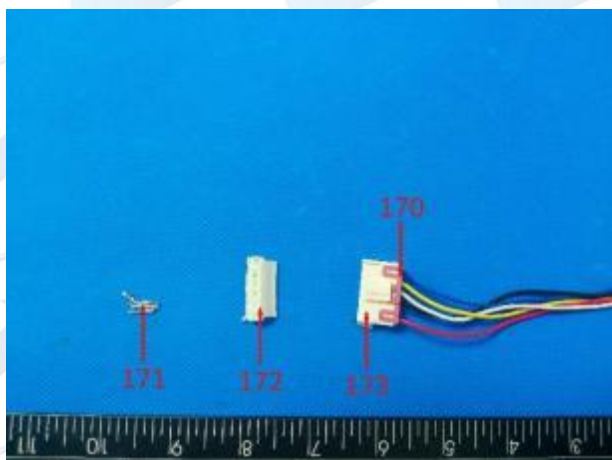
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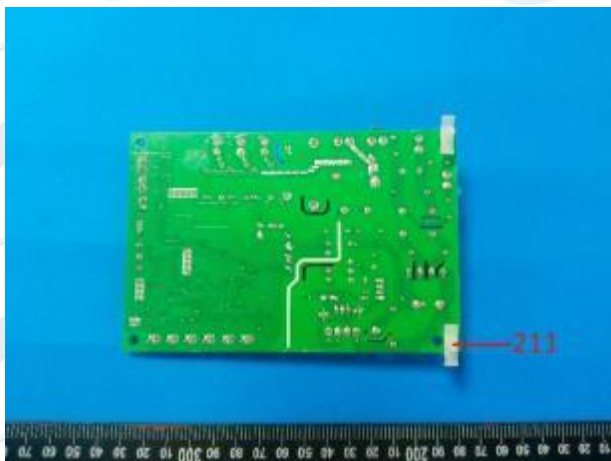
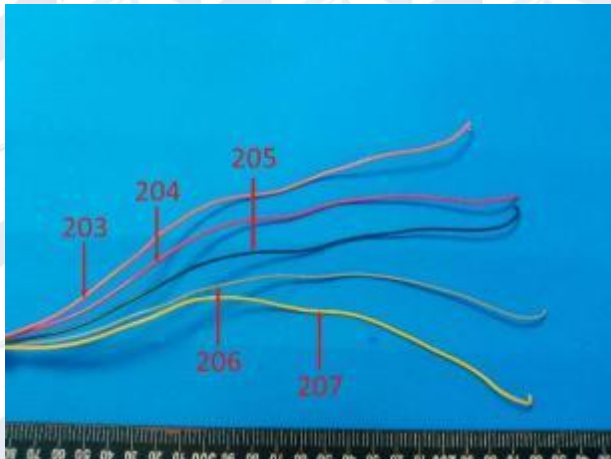
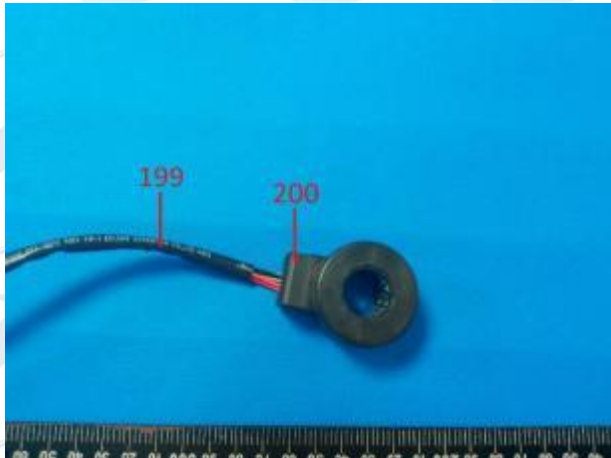
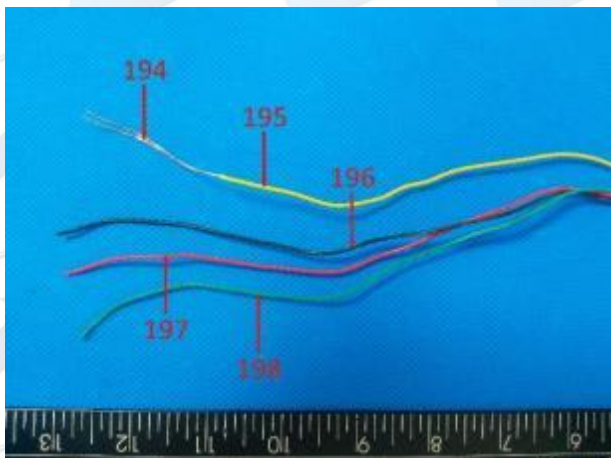
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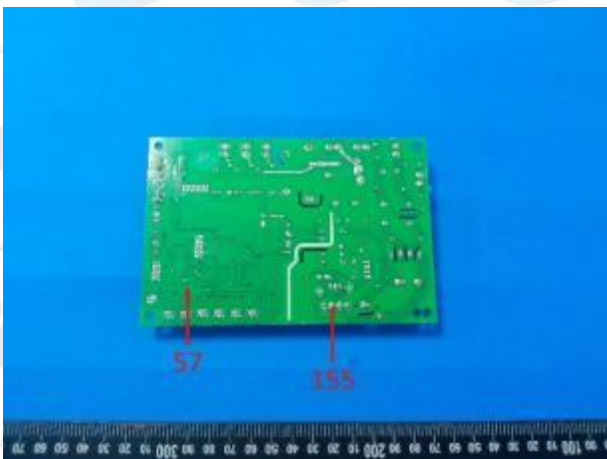
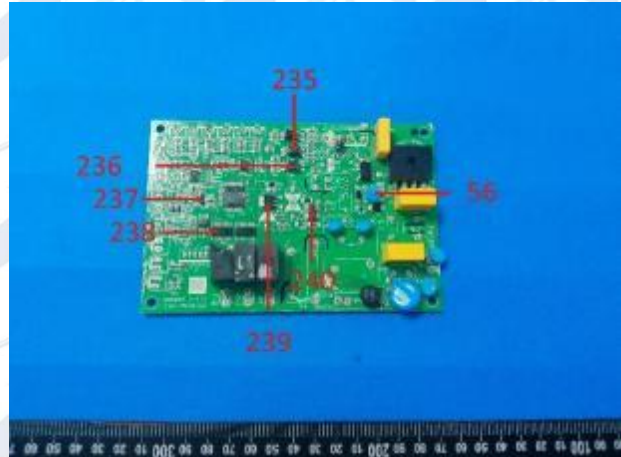
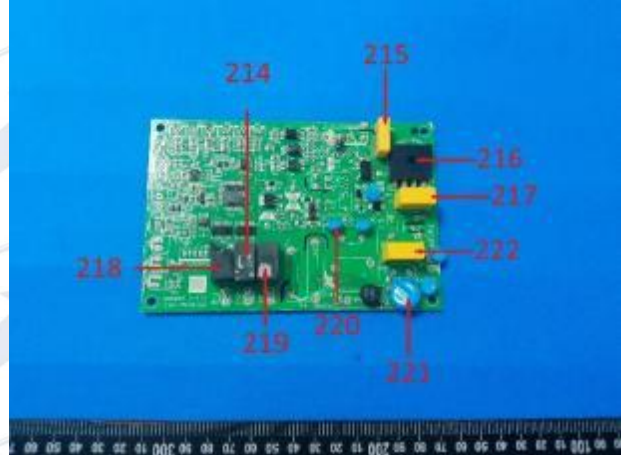
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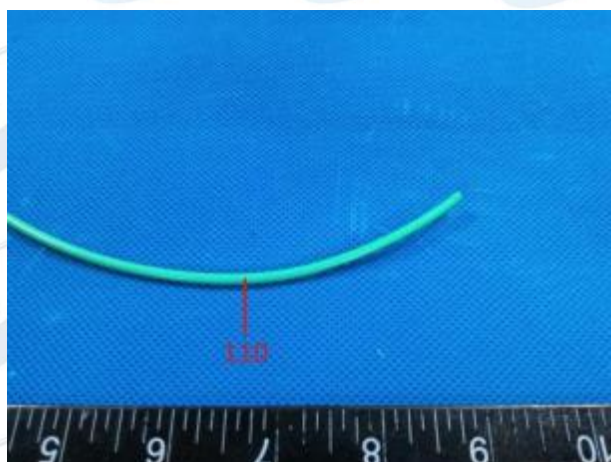
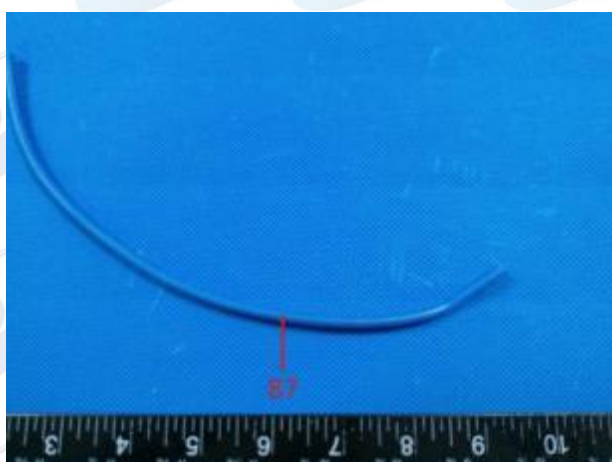
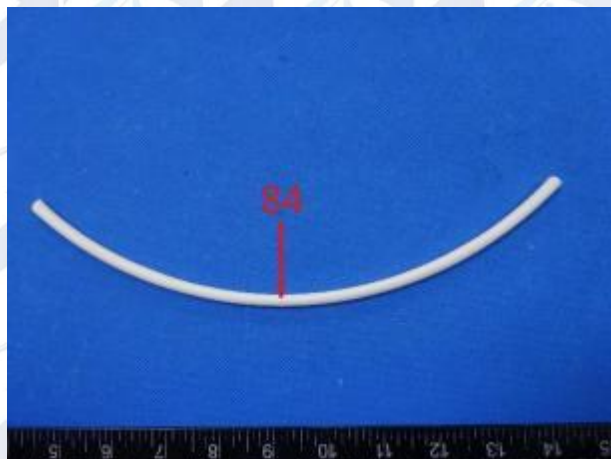
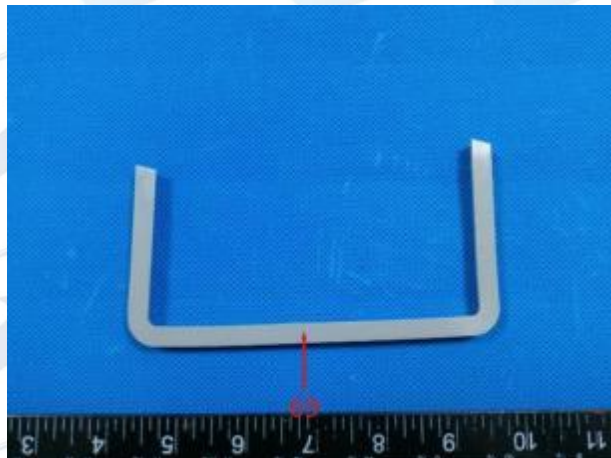
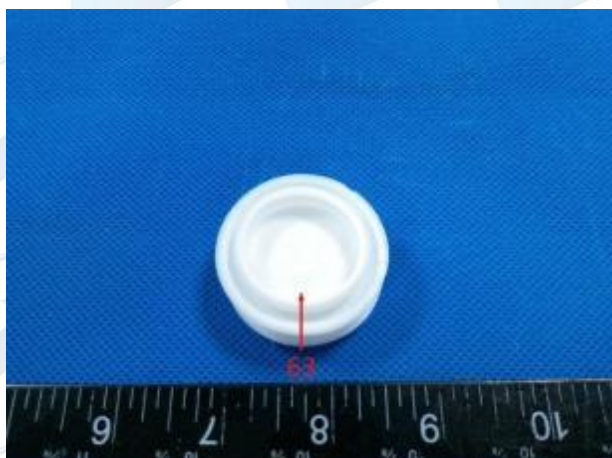
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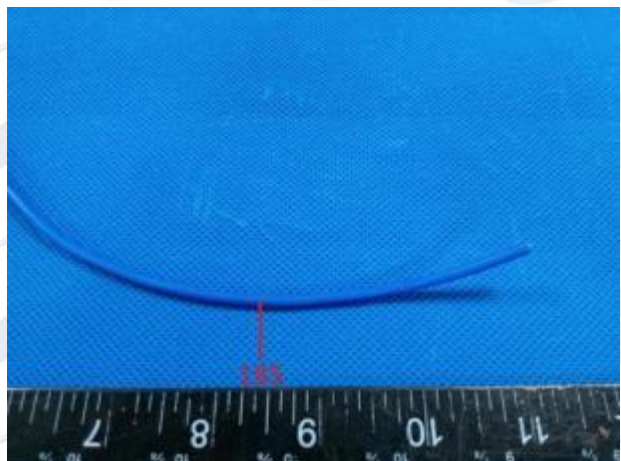
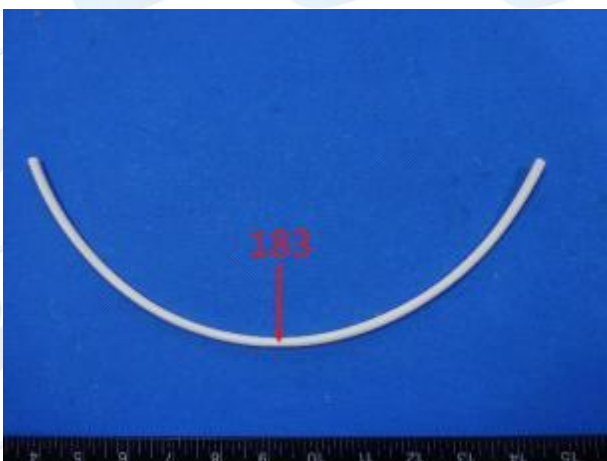
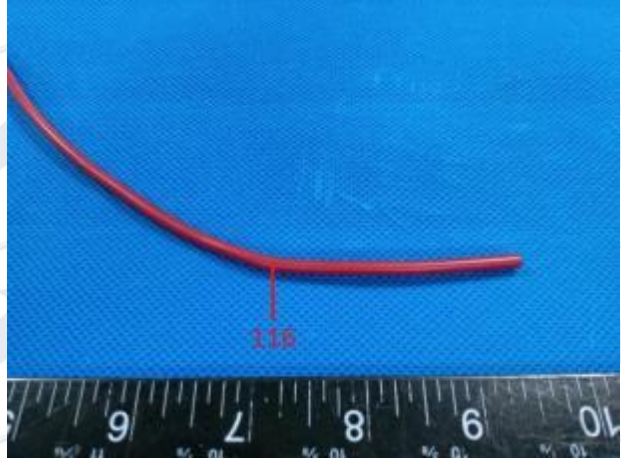
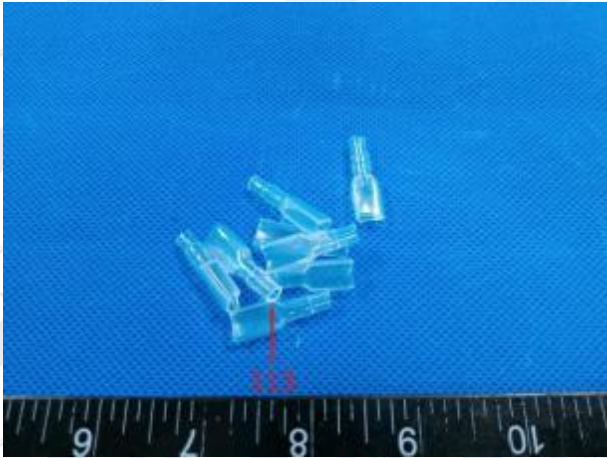
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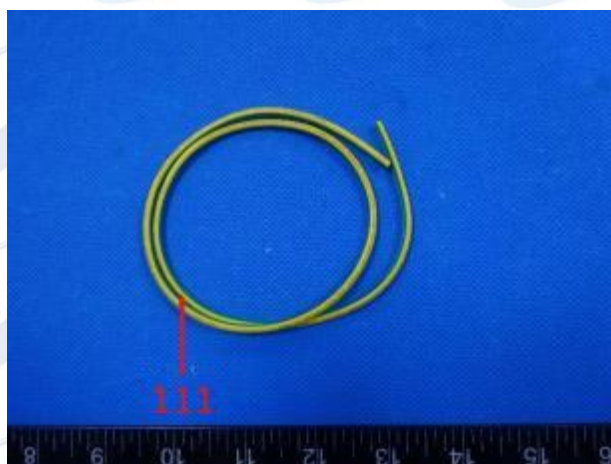
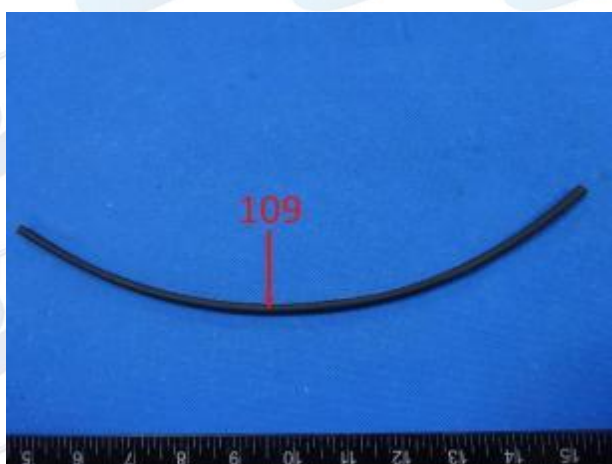
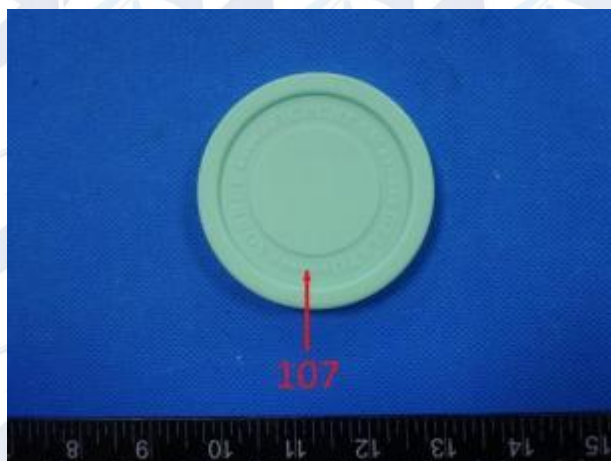
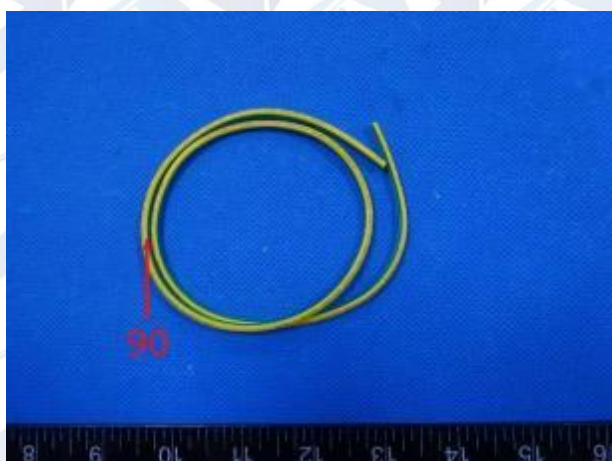
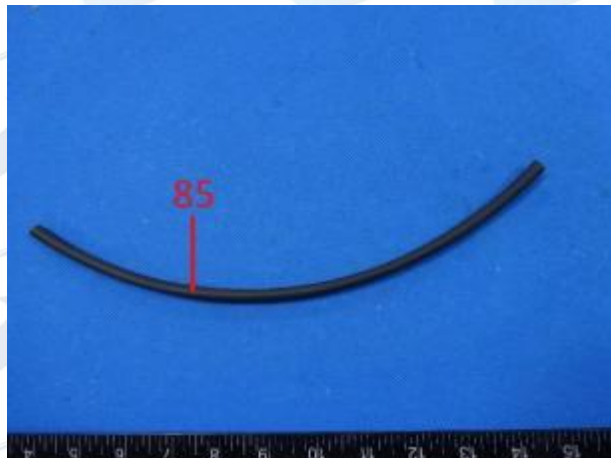
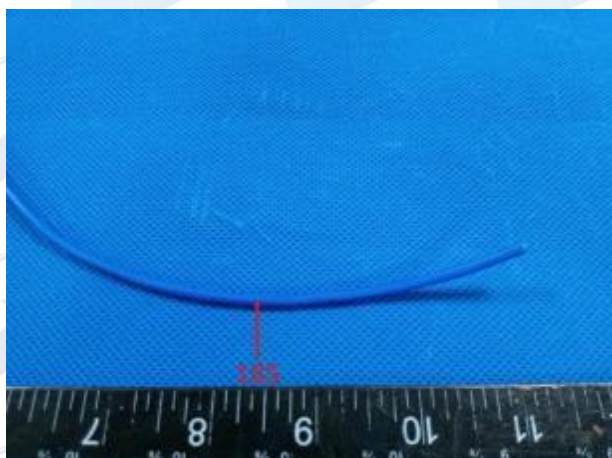
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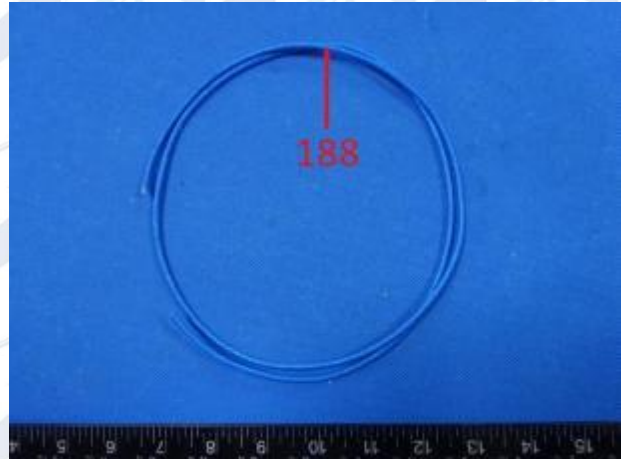
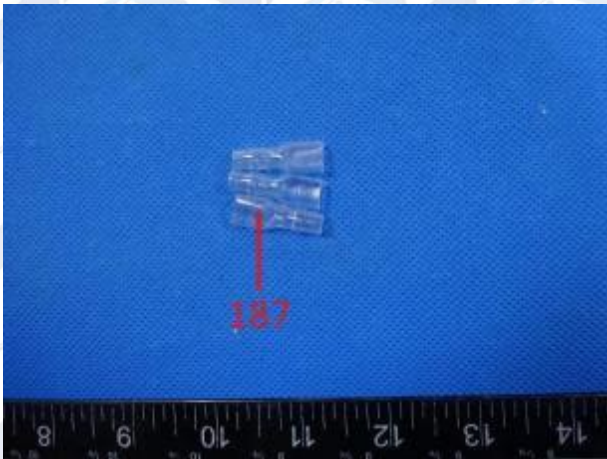
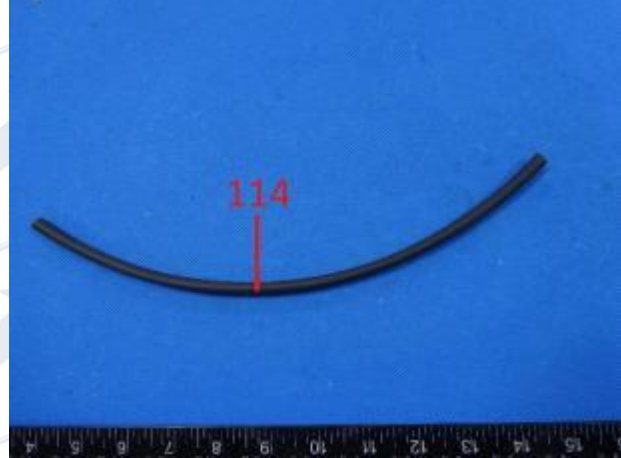
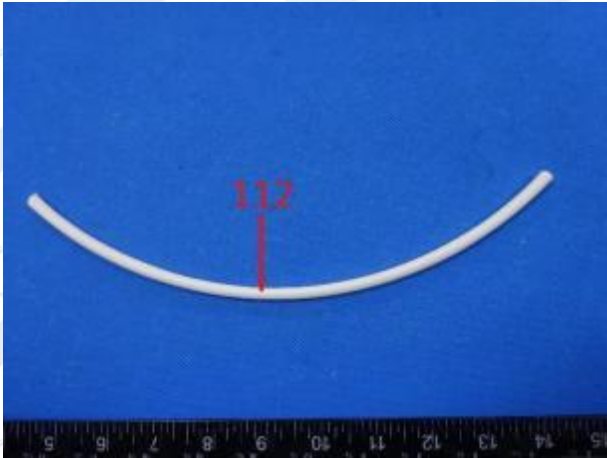
Photo(s) of the sample(s)



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Photo(s) of the sample(s)



***** End of Report *****

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