

TEST REPORT

Page 1 of 28

Applicant : Lu' an Arlott Composite Materials Technology Co., Ltd.**Address:** Room 111 Block No.3 Jian Kang Yuan Building Zhongshi Street Jin' an District Lu' an City Anhui
Province China 237000**Sample name:** Interlocking Plastic Floor Tiles**Model:** Modular Interlocking Flooring Kit**Date (s) of performance of tests:** 2025-10-10 to 2025-11-01**Date of Issue:**2025-11-01**Test Requested:**

As requested by the client, screening according to the Candidate List of Substances of Very High Concern (SVHC) under REACH (EC) No 1907/2006, as published by the European Chemicals Agency (ECHA), latest update dated June 2025..

Test Method:

In-House method-Analyzed by ICP-OES, UV-Vis, HPLC, LC-MS-MS, GC, GC-MS and colorimetric method

Test Results:

Please refer to the following page(s)

Summary:

According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the articles of the submitted sample.	PASS
---	------

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of
LAB-QJRZ (Shenzhen) Co., Ltd.

Floor 3, Building A, No. 234, Gushu 1st road, Xixiang Street, Baoan District, Shenzhen City

Prepared by: LAB-QJRZ
Zeng Ji Lan, Eris
Report Clerk

Reviewed by: Liu Xin
Liu Lin Wen, Lewis
Laboratory Supervisor



TEST REPORT

Page 2 of 28

Test Results

The first fifteen substances of SVHC (Released in Oct, 2008)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
1	Bis(tributyltin)oxide (TBTO)**	56-35-9	200-268-0	0.005	N.D.	N.D.
2	Diarsenic pentaoxide**	1303-28-2	215-116-9	0.01	N.D.	N.D.
3	Diarsenic trioxide**	1327-53-3	215-481-4	0.01	N.D.	N.D.
4	Triethyl arsenate**	15606-95-8	427-700-2	0.01	N.D.	N.D.
5	Lead hydrogen arsenate**	7784-40-9	232-064-2	0.01	N.D.	N.D.
6	Cobalt dichloride**	7646-79-9	231-589-4	0.01	N.D.	N.D.
7	Sodium dichromate **	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.	N.D.
8	Anthracene	120-12-7	204-371-1	0.005	N.D.	-
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.005	N.D.	-
10	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005	N.D.	-
11	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005	N.D.	-
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.005	N.D.	-
13	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.	-
14	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4, 221-695-9	0.005	N.D.	-
15	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.01	N.D.	-

The second fifteen substances of SVHC (Released in Jan, 2010 and Mar, 2010)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
16	Anthracene oil	90640-80-5	292-602-7	0.05	N.D.	-
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	0.05	N.D.	-
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.	-
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.	-
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.	-

TEST REPORT

Page 3 of 28

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
21	Pitch, coal tar, high temp.	65996-93-2	266-028-2	0.05	N.D.	-
22	Acrylamide	79-06-1	201-173-7	0.01	N.D.	-
23	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.	-
24	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	0.005	N.D.	-
25	Lead chromate**	7758-97-6	231-846-0	0.05	N.D.	N.D.
26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) **	12656-85-8	235-759-9	0.05	N.D.	N.D.
27	Lead sulfochromate yellow (C.I.Pigment Yellow 34) **	1344-37-2	215-693-7	0.05	N.D.	N.D.
28	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.01	N.D.	-

The third eight substances of SVHC (Released in Jun, 2010)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
29	Trichloroethylene	79-01-6	201-167-4	0.005	N.D.	-
30	Boric acid**	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	0.01	N.D.	N.D.
31	Disodium tetraborate, anhydrous**	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.01	N.D.	N.D.
32	Tetraboron disodium heptaoxide, hydrate**	12267-73-1	235-541-3	0.01	N.D.	N.D.
33	Sodium chromate**	7775-11-3	231-889-5	0.01	N.D.	N.D.
34	Potassium chromate**	7789-00-6	232-140-5	0.01	N.D.	N.D.
35	Ammonium dichromate**	7789-09-5	232-143-1	0.01	N.D.	N.D.
36	Potassium dichromate**	7778-50-9	231-906-6	0.01	N.D.	N.D.

The fourth eight substances of SVHC (Released in Dec, 2010)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
37	Cobalt(II) sulphate**	10124-43-3	233-334-2	0.01	N.D.	N.D.
38	Cobalt(II) dinitrate**	10141-05-6	233-402-1	0.01	N.D.	N.D.
39	Cobalt(II) carbonate**	513-79-1	208-169-4	0.01	N.D.	N.D.
40	Cobalt(II) diacetate**	71-48-7	200-755-8	0.01	N.D.	N.D.

TEST REPORT

Page 4 of 28

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
41	2-Methoxyethanol	109-86-4	203-713-7	0.005	N.D.	-
42	2-Ethoxyethanol	110-80-5	203-804-1	0.005	N.D.	-
43	Chromium trioxide**	1333-82-0	215-607-8	0.01	N.D.	N.D.
44	Acids generated from chromium trioxide and their oligomers	Chromic acid**	7738-94-5	231-801-5	0.01	N.D.
		Dichromic acid**	13530-68-2	236-881-5	0.01	N.D.
		Oligomers of chromic acid and dichromic acid**	--	--	0.01	N.D.

The fifth seven substances of SVHC (Released in Jun, 2011)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
45	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	-
46	Strontium chromate**	7789-06-2	232-142-6	0.01	N.D.	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)*	68515-42-4	271-084-6	0.01	N.D.	-
48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.	-
49	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.	-
50	1,2,3-Trichloropropane	96-18-4	202-486-1	0.01	N.D.	-
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP)	71888-89-6	276-158-1	0.01	N.D.	-

The sixth twenty substances of SVHC (Released in Dec, 2011)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
52	Dichromium tris(chromate)**	24613-89-6	246-356-2	0.01	N.D.	N.D.
53	Potassium hydroxyoctaoxodizincatedichromate**	11103-86-9	234-329-8	0.01	N.D.	N.D.
54	Pentazinc chromate octahydroxide**	49663-84-5	256-418-0	0.01	N.D.	N.D.
55	Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-	0.05	N.D.	N.D.
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	0.05	N.D.	N.D.

TEST REPORT

Page 5 of 28

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.01	N.D.	-
58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.005	N.D.	-
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	N.D.	-
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	N.D.	-
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	N.D.	-
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.005	N.D.	-
63	Arsenic acid**	7778-39-4	231-901-9	0.01	N.D.	N.D.
64	Calcium arsenate**	7778-44-1	231-904-5	0.01	N.D.	N.D.
65	Trilead diarsenate**	3687-31-8	222-979-5	0.01	N.D.	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	N.D.	-
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	N.D.	-
68	Phenolphthalein	77-09-8	201-004-7	0.005	N.D.	-
69	Lead diazide Lead azide **	13424-46-9	236-542-1	0.01	N.D.	N.D.
70	Lead styphnate**	15245-44-0	239-290-0	0.01	N.D.	N.D.
71	Lead dipicrate**	6477-64-1	229-335-2	0.01	N.D.	N.D.

The seventh thirteen substances of public comment substances (Released in 28 February 2012)

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	N.D.	-
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	N.D.	-
74	Diboron trioxide**	1303-86-2	215-125-8	0.01	N.D.	N.D.
75	Formamide	75-12-7	200-842-0	0.01	N.D.	-
76	Lead(II) bis(methanesulfonate) **	17570-76-2	401-750-5	0.01	N.D.	N.D.
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6 (1H,3H,5H)-trione)	2451-62-9	219-514-3	0.01	N.D.	-
78	β-TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.01	N.D.	-
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.	-

TEST REPORT

Page 6 of 28

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)	
					A	B
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.	-
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.01	N.D.	-
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.01	N.D.	-
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	N.D.	-
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01	N.D.	-

The eighth fifty-four substances of Very High Concern (Released in Dec, 2012)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.	-
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.	-
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.05	N.D.	-
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.	-
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.	-
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	--	0.05	N.D.	-
91	*4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	--	--	0.05	N.D.	-
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.	-
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	201-604-9	0.05	N.D.	-
94	Hexahydromethylphthalicanhydride, Hexahydro-4-methylphthalicanhydride, Hexahydro-1-methylphthalicanhydride,	247-094-1, 243-072-0, 256-356-4,	25550-51-0, 19438-60-9, 48122-14-1,	0.05	N.D.	-

TEST REPORT

Page 7 of 28

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
	Hexahydro-3-methylphthalic anhydride	260-566-1	57110-29-9			
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.	-
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.05	N.D.	-
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.05	N.D.	-
98	N-pentyl-isopentylphthalate	776297-69-9	--	0.05	N.D.	-
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.	-
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.05	N.D.	-
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.01	N.D.	-
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01	N.D.	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	0.01	N.D.	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	0.01	N.D.	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	0.01	N.D.	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01	N.D.	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01	N.D.	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01	N.D.	N.D.
109	Lead cyanamate	20837-86-9	244-073-9	0.01	N.D.	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	0.01	N.D.	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	215-267-0	0.01	N.D.	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	0.01	N.D.	N.D.
113	Lead titanium trioxide	12060-00-3	235-038-9	0.01	N.D.	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	0.01	N.D.	N.D.
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01	N.D.	N.D.
116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.01	N.D.	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	0.01	N.D.	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.01	N.D.	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01	N.D.	N.D.
120	Tetraethyllead	78-00-2	201-075-4	0.01	N.D.	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01	N.D.	N.D.
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01	N.D.	-
123	Furan	110-00-9	203-727-3	0.05	N.D.	-
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.05	N.D.	-
125	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.	-
126	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.	-
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.05	N.D.	-
128	Dinoseb	88-85-7	201-861-7	0.05	N.D.	-

TEST REPORT

Page 8 of 28

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.05	N.D.	-
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	N.D.	-
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.05	N.D.	-
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.05	N.D.	-
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	N.D.	-
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.	-
135	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.	-
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.05	N.D.	-
137	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.	-
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.05	N.D.	-

The ninth six Substances of Very High Conem (Released in Jun,2013)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
139	Cadmium	7440-43-9	231-152-8	0.01	N.D.	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	0.01	N.D.	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.01	N.D.	-
142	4-Nonylphenol, branched and linear, ethoxylated[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--	--	0.05	N.D.	-
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.01	N.D.	-
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.01	N.D.	-

The tenth seven Substances of Very High Conem (Released in Dec,2013)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
145	Cadmium sulfide**	1306-23-6	215-147-8	0.01	N.D.	N.D.

TEST REPORT

Page 9 of 28

146	Diethyl phthalate	84-75-3	201-559-5	0.01	N.D.	-
147	CI Direct red 28	573-58-0	209-358-4	0.01	N.D.	-
148	CI Direct black 38	1937-37-7	217-710-3	0.01	N.D.	-
149	2-imidazoline-2-thiol	96-45-7	202-506-9	0.01	N.D.	-
150	Lead di(acetate) **	301-04-2	206-104-4	0.01	N.D.	N.D.
151	Triethyl phosphate	25155-23-1	246-677-8	0.01	N.D.	-

The eleventh four Substances of Very High Conem (Released in Jun,2014)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	0.01	N.D.	-
153	Cadmium chloride**	10108-64-2	233-296-7	0.01	N.D.	N.D.
154	Sodium perborate; perboric acid, sodium salt**	--	239-172-9 234-390-0	0.01	N.D.	N.D.
155	Sodium peroxometaborate**	7632-04-4	239-172-9	0.01	N.D.	N.D.

The Twelfth six Substances of Very High Conem (Released in Dec,2014)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
156	Cadmium fluoride**	7790-79-6	232-222-0	0.01	N.D.	N.D.
157	Cadmium sulphate**	10124-36-4, 31119-53-6	233-331-6	0.01	N.D.	N.D.
158	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	3846-71-7	223-346-6	0.05	N.D.	-
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.05	N.D.	-
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	239-622-4	0.01	N.D.	-
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	--	0.05	N.D.	-

The Thirteenth two Substances of Very High Conem (Released in Jun,2015)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B

TEST REPORT

Page 10 of 28

162	1,2-benzenedicarboxylic acid,di-C6-10-alkyl esters	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05	N.D.	-
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[1],5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-q,3-dioxane[2] [covering any of the individual isomers of [1]and[2]or any combination thereof]	--	--	0.05	N.D.	-

The Fourteen five Substances of Very High Conem (Released in Dec,2015)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
164	Nitrobenzene	98-95-3	202-716-0	0.05	N.D.	-
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.05	N.D.	-
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.05	N.D.	-
167	1,3-propanesultone	1120-71-4	214-317-9	0.05	N.D.	-
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.05	N.D.	-

The Fifteenth one Substances of Very High Conem (Released in Jun,2016)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
169	Benzo(a)pyrene	50-32-8	200-028-5	0.005	N.D.	-

The Sixteen four Substance of Very High Concern (Released in Jan, 2017)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.005	N.D.	-
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	0.005	N.D.	-
172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.005	N.D.	-
173	4-heptylphenol, branched and linear (4-HPbl)	---	---	0.005	N.D.	-

The Seventeen one Substance of Very High Concern (Released in Jul, 2017)

TEST REPORT

Page 11 of 28

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	---	---	0.005	N.D.	-

The Eighteen seven four Substances of Very High Concern (Released in Jan, 2018)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	---	---	0.0005	N.D.	-
176	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.005	N.D.	-
177	Cadmium nitrate**	10022-68-1, 10325-94-7	233-710-6	0.01	N.D.	N.D.
178	Cadmium carbonate**	513-78-0	208-168-9	0.01	N.D.	N.D.
179	Cadmium hydroxide**	21041-95-2	244-168-5	0.01	N.D.	N.D.
180	Chrysene	218-01-9, 1719-03-5	205-923-4	0.005	N.D.	-
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	---	---	0.0005	N.D.	-

The Eighteen seven four Substances of Very High Concern (Released in Jan, 2018)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	N.D.	-
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	N.D.	-
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01	N.D.	-
185	Lead**	7439-92-1	231-100-4	0.01	N.D.	N.D.
186	Disodium octaborate**	12008-41-2	234-541-0	0.01	N.D.	N.D.
187	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	N.D.	-
188	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01	N.D.	-

TEST REPORT

Page 12 of 28

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
189	Ethylenediamine (EDA)	107-15-3	203-468-6	0.01	N.D	-
190	Trimellitic anhydride (TMA)	552-30-7	209-008-0	0.01	N.D	-
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01	N.D	-

The Twentieth six four Substances of Very High Concern (Released in Jan, 2019)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01	N.D.	-
193	Benzo[[k]fluoranthene(BkF)	207-08-9	205-916-6	0.01	N.D.	-
194	Fluoranthene(FLT)	206-44-0	205-912-4	0.01	N.D.	-
195	Phenanthrene(PHE)	85-01-8	201-581-5	0.01	N.D.	-
196	Pyrene(PYR)	129-00-0	204-927-3	0.01	N.D	-
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	0.01	N.D	-

The Twenty-first four Substances of Very High Concern (released in July 16, 2019)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	---	---	0.01	N.D.	-
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	N.D.	-
200	4-tert-butylphenol	98-54-4	202-679-0	0.01	N.D.	-
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	---	---	0.01	N.D.	-

TEST REPORT

Page 13 of 28

The Twenty two four Substances of Very High Concern (Released in Jan, 2020)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrop henone	119313-12-1	404-360-3	0.01	N.D.	-
203	2-methyl-1- (4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	400-600-6	0.01	N.D.	-
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01	N.D.	-
205	Perfluorobutane sulfonic acid (PFBS) and its salts	---	---	0.01	N.D.	-

The Twenty three four Substances of Very High Concern(Released in June 2020)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
206	1-vinylimidazole	1072-63-5	214-012-0	0.01	N.D.	-
207	2-methylimidazole	693-98-1	211-765-7	0.01	N.D.	-
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01	N.D.	-
209	Dibutylbis (pentane-2,4-dionato-O,O') tin	22673-19-4	245-152-0	0.01	N.D.	-

The Twenty-four two Substances of Very High Concern(Released in Jan, 2021)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
210	bis(2-(2-methoxyethoxy)ethyl)ethe	143-24-8	205-594-7	0.01	N.D.	-
211	Dioctyltin dilaurate, stannane,dioctyl-, bis(coco acyloxy)derivsand any other stannane, dioctyl-bis(fatty acyloxy)derivs. whereinC12 is the predominant carbonnumber of the fatty acyloxy moiety	---	---	0.01	N.D.	-

The Twenty five eight Substances of Very High Concern(Released in Jul, 2021)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
212	1,4-dioxane	123-91-1	204-661-8	0.01	N.D.	-

TEST REPORT

Page 14 of 28

213	2,2-bis(bromomethyl)propane1,3-diol (BMP)	3296-90-0	221-967-7	0.01	N.D.	-
	2,2-dimethylpropan-1-ol,tribromoderivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	36483-57-5/1522-92-5	253-057-0	0.01	N.D.	-
	2,3-dibromo-1-propanol(2,3-DBPA)	96-13-9	202-480-9	0.01	N.D.	-
214	3-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	---	---	0.01	N.D.	-
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.01	N.D.	-
216	Glutaral	111-30-8	203-856-5	0.01	N.D.	-
217	Medium-chain chlorinated paraffins(MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	---	---	0.01	N.D.	-
218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.01	N.D.	N.D.
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation,covering any individual isomers and/ or combinations thereof (PDDP)	---	---	0.01	N.D.	-

The twenty six four Substances of Very High Concern (Released in Jan. 2022)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	0.01	N.D.	-
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.01	N.D.	-

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or	255881-94-8	401-850-9	0.01	N.D.	-

TEST REPORT

Page 15 of 28

	2-ethylhexyl) phosphorodithioate					
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01	N.D.	-

The twenty seven one Substances of Very High Concern (Released in Jun. 2022)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01	N.D.	-

Ten substances of high concern (released in June 2023)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
225	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	0.01	N.D.	-
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	0.01	N.D.	-
227	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01	N.D.	-
228	bis(2-ethylhexyl) tetrabromophthalate covering any of The individual isomers and/or combinations thereof: Bis(2-ethylhexyl) tetrabromophthalate	247-426-5	223-445-4	0.01	N.D.	-
229	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	0.01	N.D.	-
230	Melamine	203-615-4	108-78-1	0.01	N.D.	-
231	Perfluoroheptanoic acid and its salts: Sodium perfluoroheptanoate; Perfluoroheptanoic acid; potassium perfluoroheptanoate; Ammonium perfluoroheptanoate	243-518-4; 206-798-9; 228-098-2	20109-59-5 375-85-9; 21049-36-5 6130-43-4	0.01	N.D.	-
232	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-	0.01	N.D.	-
234	Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	278-355-8	75980-60-8	0.01	N.D.	-
235	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	0.01	N.D.	-

TEST REPORT

Page 16 of 28

236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	0.01	N.D.	-
-----	----------------------------	-----------	----------	------	------	---

Five substances of great concern (released in January 2024)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results(%)	
					A	B
237	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	0.01	N.D.	-
238	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9	0.01	N.D.	-
239	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	0.01	N.D.	-
240	Bumetizole	223-445-4	3896-11-5	0.01	N.D.	-
241	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	0.01	N.D.	-

The Twenty-eight Substances of Very High Concern (Released in Jun, 2024)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
242	Ammonia, anhydrous	7664-41-7	231-635-3	0.01	N.D.	-
243	Barium diboron tetraoxide	13701-59-2	237-222-4	0.01	N.D.	N.D.
244	Diboron trioxide	1303-86-2	215-125-8	0.01	N.D.	N.D.
245	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01	N.D.	N.D.
246	Perfluorohexanoic acid and its salts (PFHxA)	—	—	0.01	N.D.	-
247	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (Dechlorane Plus)	—	—	0.01	N.D.	-

The Twenty-nine Substances of Very High Concern (Released in Jun, 2025)

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
					A	B
248	Acetic acid, 2-methoxy-, lead salt, basic	51404-69-4	257-175-3	0.01	N.D.	N.D.
249	Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	247-426-5	0.01	N.D.	-
250	Dimethyl fumarate	624-49-7	210-849-0	0.01	N.D.	-
251	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.01	N.D.	-
252	Monomethyl tetrachlorodiphenyl methane	76253-60-6	278-404-3	0.01	N.D.	-

TEST REPORT

Page 17 of 28

Code	Test Item	CAS NO	EC No	Report Limit (%)	Report Results (%)	
253	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.01	N.D.	N.D.
254	Silicic acid, lead salt	11120-22-2	234-363-3	0.01	N.D.	N.D.
255	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	0.01	N.D.	N.D.

Specimen Description:

Product: Modular Interlocking Flooring Kit

- Component A (Non-metal): Plastic floor tiles in various colors (gray, black, blue, green, red, white, etc.), PP/PVC material
- Component B (Metal): Metal connectors/fasteners

Refer to attached photos on pages 20-28 for detailed components.

TEST REPORT

Page 18 of 28

Note:

1. mg/kg =ppm= 10^{-6}
2. %=w/w
3. N.D. :< Report Limit
4. * The detected DHNUP are consisted of six phthalates which CAS number are 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 and 111381-91-0. according to the Annex 15 of REACH.
5. ** According to the 5.2.1 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".
8. This report has been updated to include the latest SVHC substances published by ECHA up to October 2025, covering a total of 239 substances. The substances added since the previous version (224 substances) are:
 - 6 substances from the 28th batch (Released in June 2024)
 - 8 substances from the 29th batch (Released in June 2025)

TEST REPORT

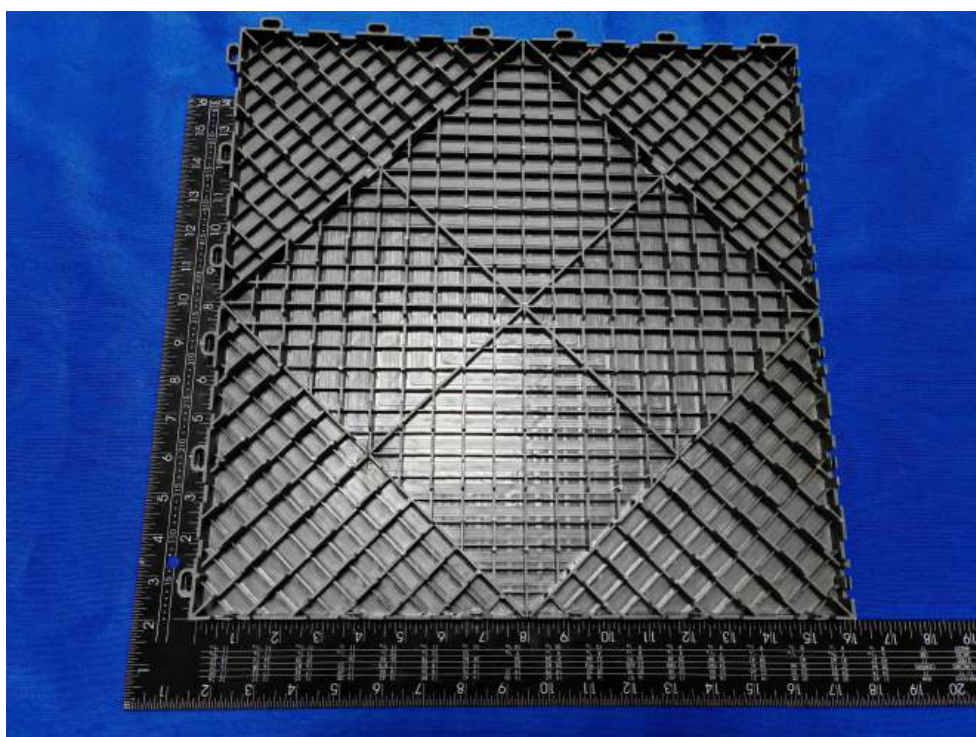
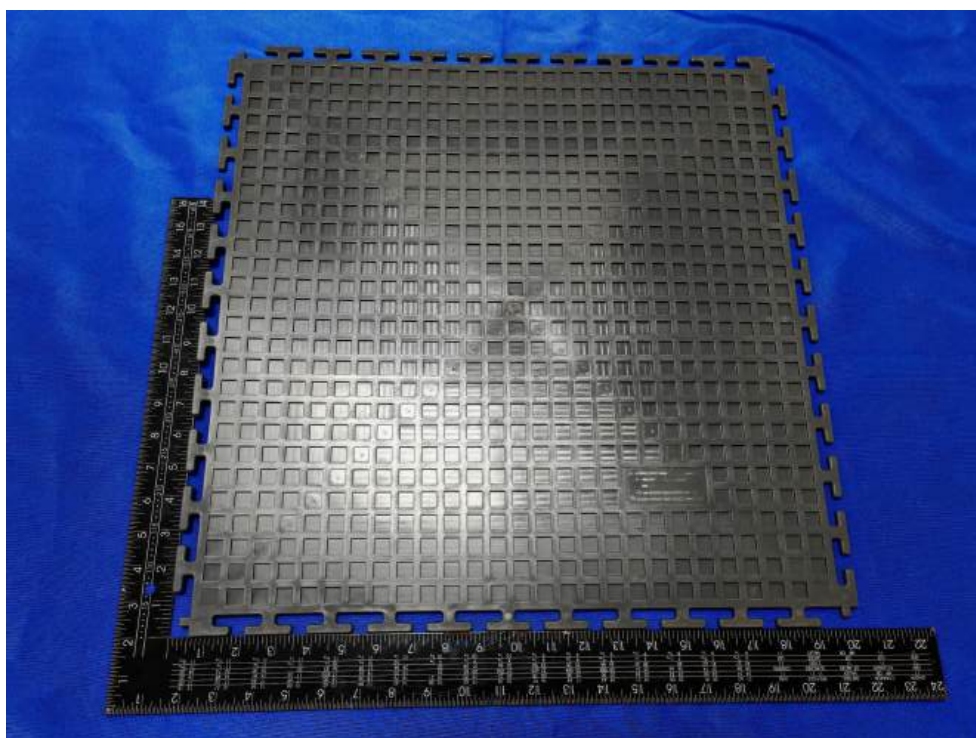
Page 19 of 28

Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
 - 1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
 - 2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
 - 1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
 - 2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

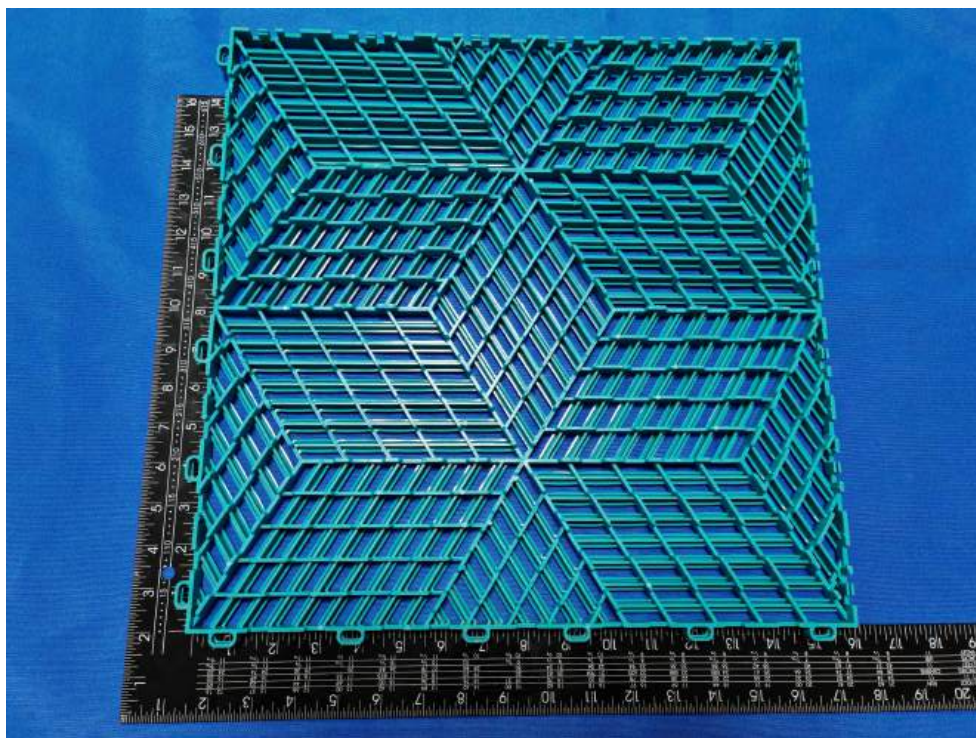
TEST REPORT

Page 20 of 28



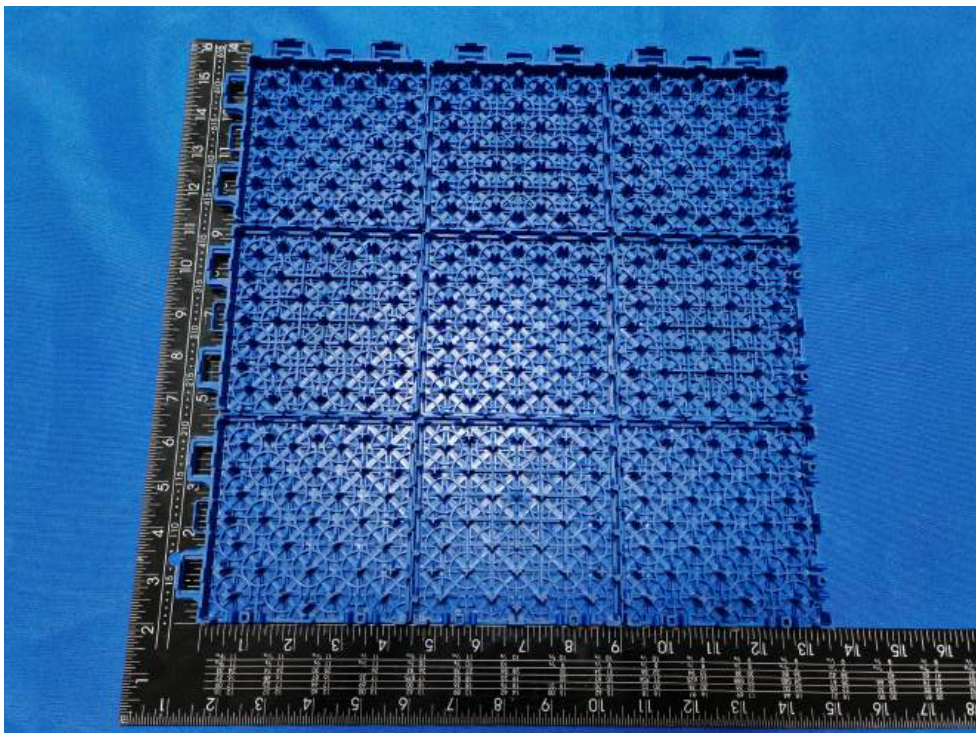
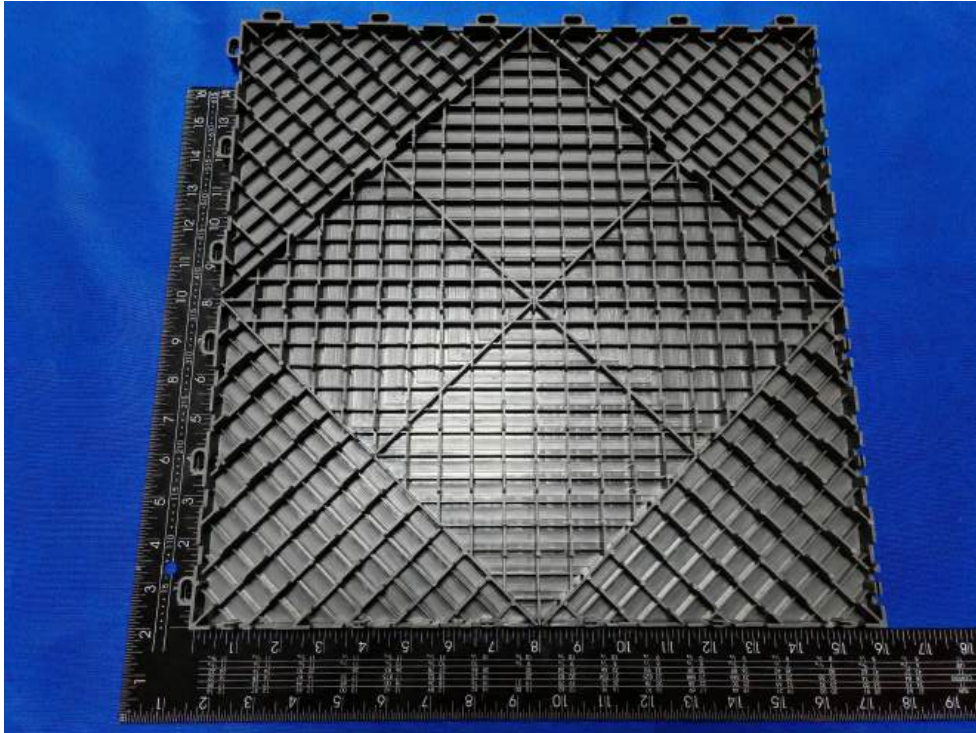
TEST REPORT

Page 21 of 28



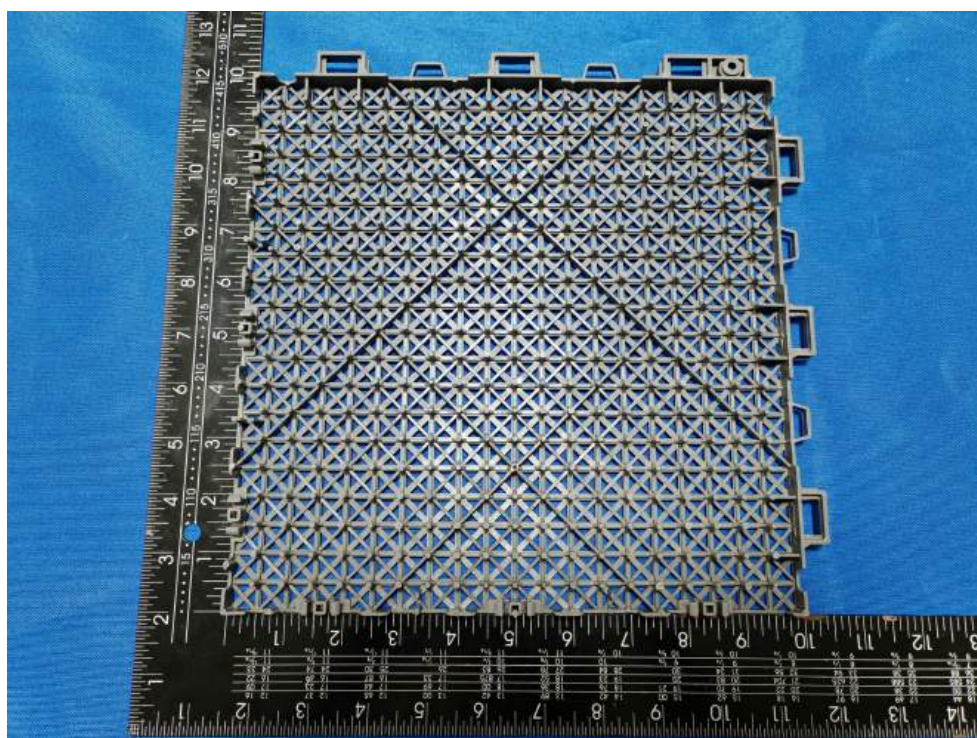
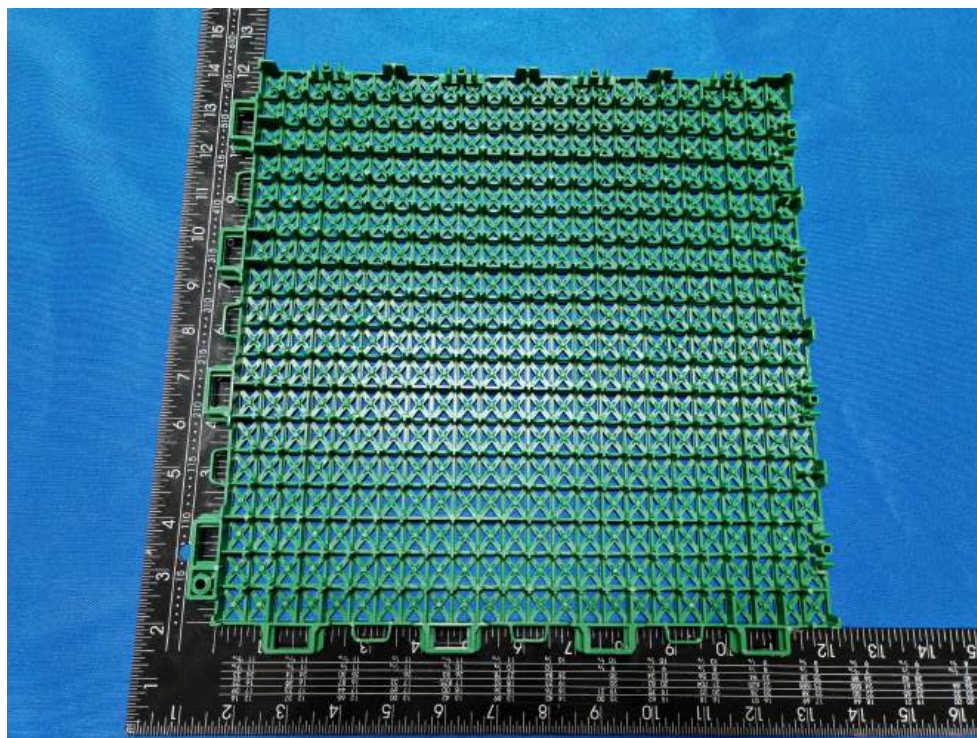
TEST REPORT

Page 22 of 28



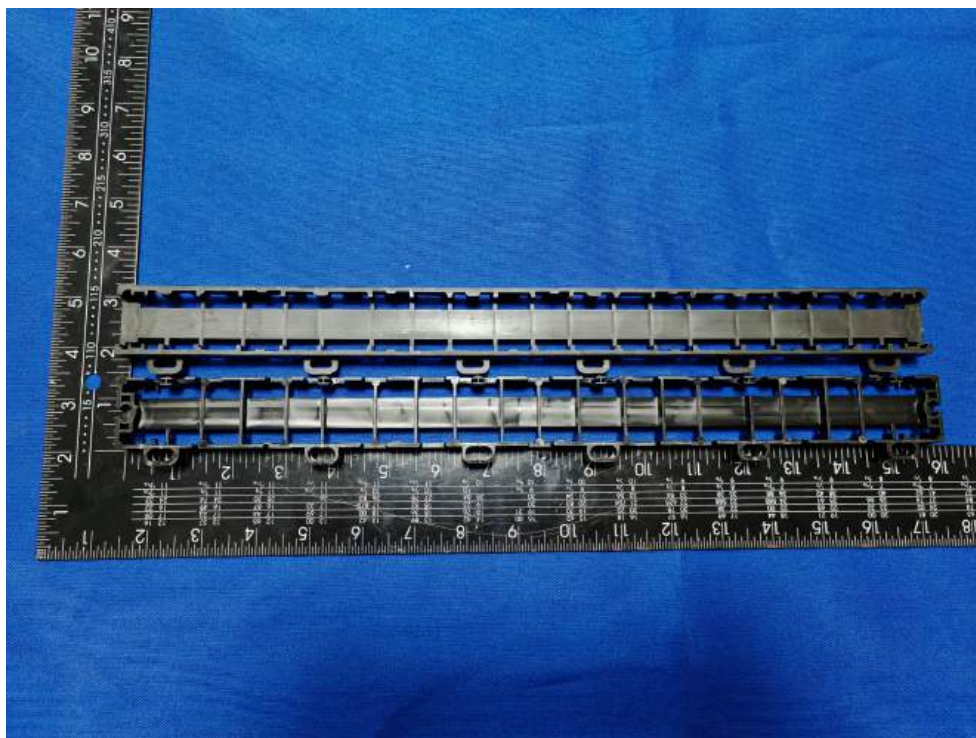
TEST REPORT

Page 23 of 28



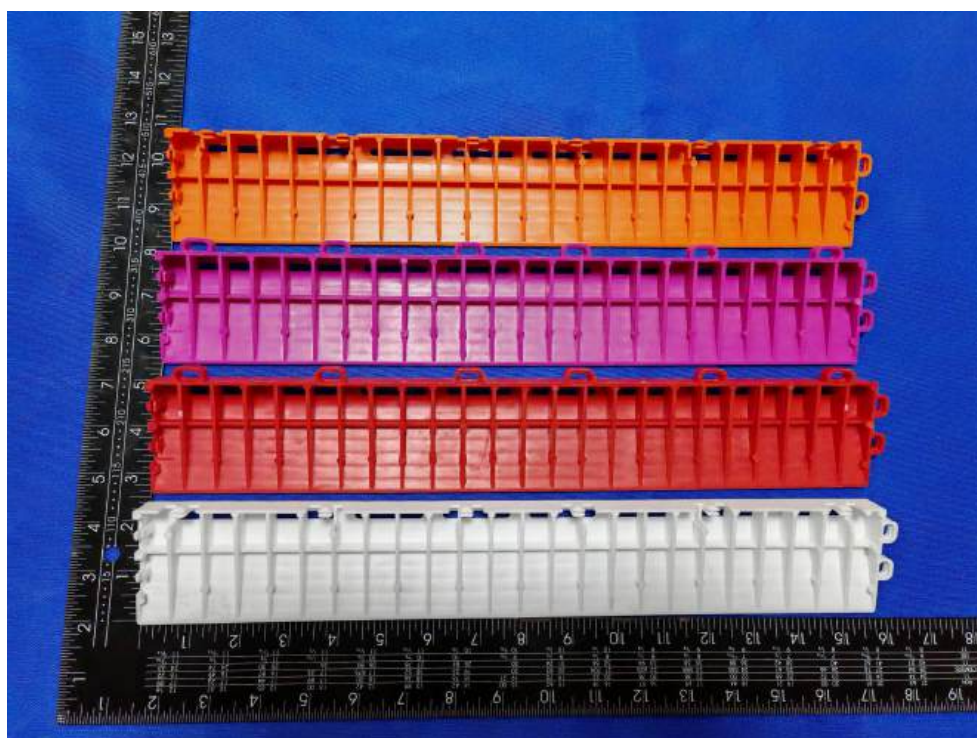
TEST REPORT

Page 24 of 28



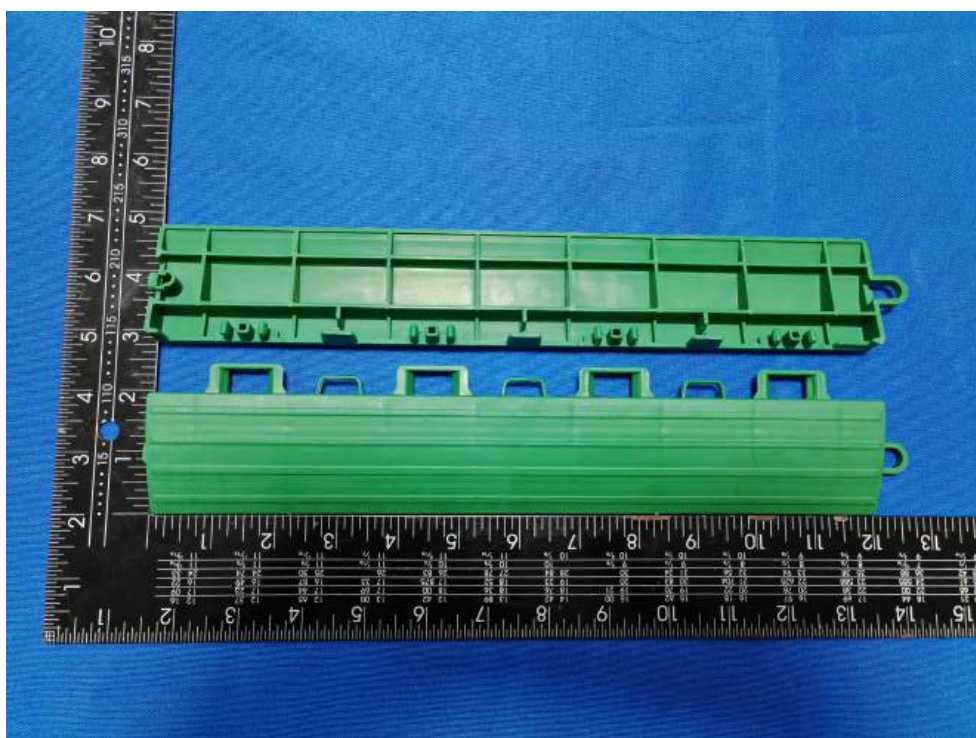
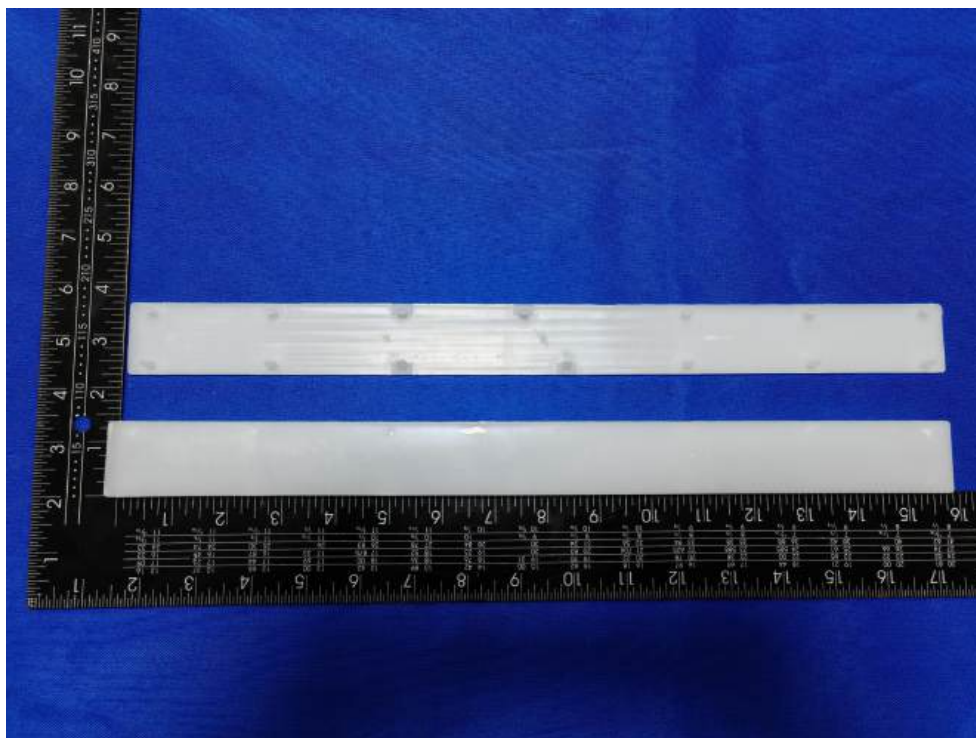
TEST REPORT

Page 25 of 28



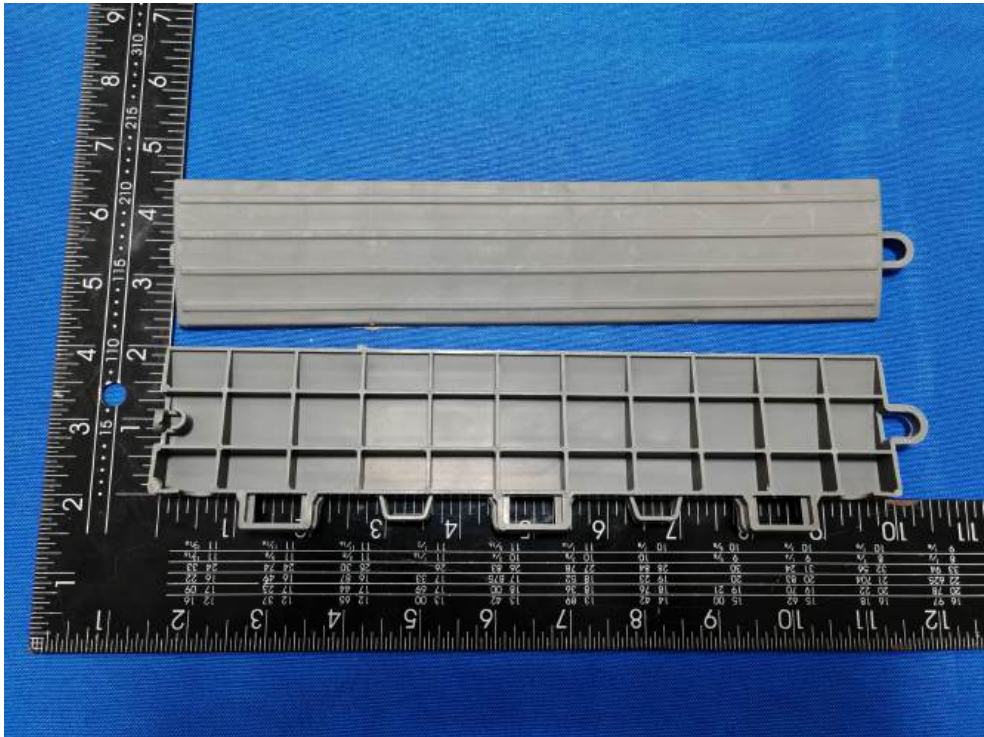
TEST REPORT

Page 26 of 28



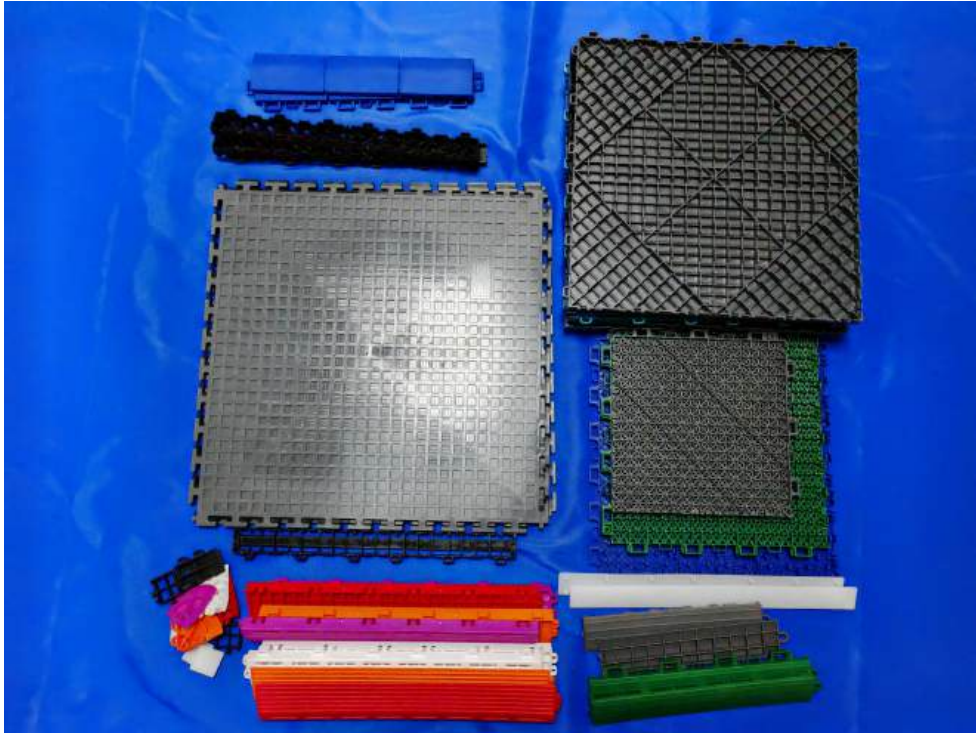
TEST REPORT

Page 27 of 28



TEST REPORT

Page 28 of 28



End of Report