

NO.	Property	Test Method	Test results	Remark
1	Abrasion resistance	ASTM D4060-10	33mg(1000cycles)	
2	Shore hardness	ASTM D2240-05	D68/1	
3	Boiling test	EN15534	Water absorption in weight: 0.45%	
4	Coefficient Linear Thermal Expansion	ASTM D696	39.52×10 ⁻⁶ mm/mm℃	
5	Content of pentachlorophenol	CE(EN14041(2004))	2.05ppm	
6	Creep Recovery	ASTM D7032	Creep Recovery after 24h: 85.3%	
7	Degree of chalking	EN15534	Rating 0, no chalking.	
8	Falling mass impact resistance	ASTM D 4812-11	75J/m C(Complete break)	
9	Formaldehyde Content	EN717-1	Non Dectectable	
		ASTM D6007-14	Non Dectectable	
10	Fire Resistance	En13501	Bfl-S1-D0	Only when specifically ordered with additive
11	Flexural properties	D790-10	Flexure Strength: 32.6Mpa Flexure Modulus: 3320Mpa	
12	Heavy Metal Content	EPA3051	Sb:ND, As:ND, Se:ND, Sn:ND	
13	Heat reversion	EN 15534 EN479	Test temperature: 100℃ :0.16%	
14	Heat build-up	EN15534	Δ T=-2.45℃	
15	Lead Content Test	EUNo.628/2015	Non Dectectable	
16	Mould resistance	ASTM G21	Rating 1	
17	Moisture Content	EN 15534 EN322	0.62%	
18	Neutral salt spray test	ASTM B117-2011	After 200 hours tests, there was no visible change appeared on the surface: Front surface: Δ E*=3.23, Grey Scale:4 Back surface: Δ E*=1.65, Grey Scale:4	
		EN15534 ISO9227	Δ E*=1.42, Grey Sale=4 (Exposure 96h)	
19	Pb, Cd, Hg, Cr6+	RoHs-JEC62321	Pb:ND, Cd:ND, Hg:ND, Cr6+:ND	
20	Resistance to scratch test	ISO4586-2	Rate 3	
21	Resistance to indentation	EN15534	Apply 2000N load Brinell hardness: 68Mpa, Rate of elastic recovery: 63%	
22	Resistance to artificial weathering	EN 15534 ISO4892-2	After 2000h exposure Δ E*=3.35, Grey Sale=3-4	
23	Slip resistant (Oil-wet ramp test)	DIN51130:2014	Angle: 18.7 ° Rating: R 11	
24	Water absorption (24hours immersion)	ASTM D570-98(2010)	0.65%	
25	SRI Testing	ASTM C1549, ASTM C1371, ASTM E1980	17	

26	Thermal Resistance	ASTM C518-2010	Thermal conductivity: 0.1687W/(m·k) Thermal resistance: 0.0654(m ² ·K)/W	
27	Thermal conductivity	EN 12667:2001	0.157W/m·K	
28	VOC&TVOC	ASTM D5116-11	Non Detectable	