

Serial	Properties	Standard	Value	
1	Dimensions	ISO24342/ASTM F2055	Length	± 0.50 mm
			Width	± 0.20 mm
2	Overall Thickness	ISO24346/ASTM F386	Average + 0.13 /-0.1mm	
3	Squareness	ISO24342/ASTM F2055	Length	≤ 0.35 mm
			Width	≤ 0.25 mm
4	Dimensional Stability (6h - 80°C)	ISO23999/ASTM F2199	≤ 0.1 %	
5	Curl (6h - 80°C)	ISO23999/ASTM F2199	± 2.0 mm	
6	Colour Fasteness	ISO 105 B02/ASTM F1515	≥ 6/Δ E≤8	
7	Abrasion Resistance	EN660-2	Pass	
8	Wear Layer Abrasion Resistance	EN 13329 (S-42, 200 cycle change)	IP≥4000cycles (0.55mm wear layer), IP≥1800cycles (0.30mm wear layer)	
9	Castor Resistance	ISO4918	No visible damage after 25000 revolutions	
10	Opening Between Elements	ISO10582/EN13329	Average ≤ 0.10 mm, Individual values ≤0.15 mm	
11	Height Difference	ISO10582/EN13329	Average ≤ 0.10 mm, Individual values ≤0.15 mm	
12	Gloss Retention	EN 16094A	Rating 1	
13	Micro-scratch Resistance	EN 16094B	≥ Rating 2	
14	Resistance to Chemicals	ISO26987 / ASTM F925	Class 0 / Excellent	
15	Sound Absorbtion	DIN 52210	< 4dB	
16	Impact Insulation Class	ASTM E492	IIC47	
17	Sound Transmission Class	ASTM E90	STC50	
18	Burning Behaviour	EN 13501-1	Bfl - s1	
19	Slip Resistance	EN 13893	DS	
20	Static Coefficient of Friction	ASTM D2047	Dry: 0.37 / Wet 1 : 0.69	
21	Thermal Conductivity	EN 12667	0.1167 W/(m·K)	
22	Thermal Resistance	EN 12667	0.0364 (m 2 ·K) /W	
23	Residual Indentation	ISO24343-1 /ASTM F1914	≤ 0.10 mm/average less than 8 %, maximum single reading 10 %	
24	Suitable for Underfloor Heating	N/A	Yes	
			28 °C MAX	
25	Toxicity	EN 71	Non Toxic	
26	VOC Emission	AgBB/DIBt	Certified	
27	Electrical Resistance	EN 1081	Horizontal: >1,0x10 ¹⁶ OHM Vertical: 5,1 x10 ¹² OHM	
28	Formaldehyde emission	EN 717-1	E1	
29	Antistatic Performance	EN 1815	PVC SOLE: + 3,5 KV	
30	Phthalate	CPSC-CH-C1001-09.3	DBP, DEHP, BBP, DINP, DNOP, DIDP, DIBP, DNHP, DCHP≤0.1%	
31	Heavy Metals	ASTM F963 CPSC-CH-E1002-08.3	Total Lead (Pb)	≤100PPm
			SOL. Lead (Pb)	≤90PPm
			SOL. Mercury (Hg)	≤60PPm
			SOL. Chromium (Cr)	≤60PPm
			SOL. Arsenic (As)	≤25PPm
			SOL. Antimony (Sb)	≤60PPm
			SOL. Barium (Ba)	≤1000PPm
			SOL. Selenium (Se)	≤500PPm
SOL. Cadmium (Cd)	≤75PPm			