

Specification

1	Abrasion Resistance (Weight Loss)	ASTM D 4060	1094 mg
2	Izod Impact Strength	ASTM D 256 (Method A)	13.3 J/m
3	Boiling Water Resistance	NEMA LD3 2000 3.5	No Effect
4	Colorfastness	ANZI Z124.6.5.1	Pass
5	Compression Strength (Dry)	ASTM C 170	209 MPa
	Compression Strength (Wet)	ASTM C 170	203 MPa
6	Density	KSF 2530	2.465 g/cm ³
7	Deflection Temperature Under Load (1.82 MPa)	ASTM D 648	243°C
8	Flammability: Flame Spread	ASTM E-84, NFPA	Class A
	Smoke Developed	255	Class A
9	Flexural Modulus	ASTM D 790	39.7 GPa
	Flexural Strength	ASTM D 790	42.4 MPa
10	Freeze & Thaw Cycling	ASTM C 1026	Unaffected
11	Fungal & Bacterial Resistance	ASTM G 21	No Growth
12	Barcol Hardness	ASTM D 2583	86
13	Rockwell Hardness (HRM)	ASTM D 785 (Procedure A)	115
14	Point Impact	ANSI Z124.6.4.2.1	Pass
15	Slip Resistance: Static Coefficient of Friction (Dry)	ASTM C1028	0.67
	Static Coefficient of Friction (Wet)	ASTM C1028	0.49
16	Stain Resistance	ANSI Z124.6.5.2	Pass
17	Tensile Strength	ASTM D 638	17.8 MPa
18	Thermal Expansion	ASTM D-696	1.52 x 10 ⁻⁵ in/in/°C
19	Water Absorption: Long-term & Short-term	ASTM D 570 (24hr. Immersion)	< 0.011%
20	Wear and Cleanability	ANSI Z124.6.5.3	Pass