

Technical Data Sheet

Property	Test Method	Result
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 deg. 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