

S.NO	PROPERTY	RESULT	TEST METHOD
1.	Tensile Strength	45.6 Mpa / 6,614 psi	ASTM D638-14
2.	Tensile Modulus	9840 Mpa / 1,427,174 psi	
3.	Tensile Elongation	0.66% min	
4.	Flexural Strength	9,410 psi	ASTM D790-15
5.	Flexural Modulus	1,736,375 psi	
6.	Impact Strength	Mean Failure Height 872mm	ASTM D5420-10
		Mean Failure Energy 7.70J	
7.	Density	1.74 g/cm ³ (108.6 lb/ft ³)	ASTM D792-08 B
8.	Hardness	68	ASTM D2583-13a (Barcol Impressor)
9.	Thermal Expansion	32.27 x 10 ⁻⁶ in/in/°C (1.8 x 10 ⁻⁵ in/in/°F)	ASTM D696
10.	Heat Deflection Temperature	111.7°C	ASTM D648-07 B
11.	Light Resistance (Xenon Arc)	No Effect	NEMA LD3-2005
12.	Wear & Cleanability	Dirt Specimen 2.35%, 2.77%, 3.56%	ANSI Z124.1.2-2005
		Slurry Specimen 0.64%, 1.02%, 1.83%	
13.	Color Fastness	1.21 Pass	ANSI Z124.1.2-2005
14.	Stain Resistance	Total Rating: 41 Pass	ANSI Z124.3-2005
15.	Cigarette Test	Pass	ANSI Z124.3-2005
16.	Chemical Resistance	Pass	ANSI Z124.3-2005
17.	Water Resistance	Total Rating 1, Pass	ANSI Z124.1.2-2005
18.	Ignition Test	Less than 30 sec. Pass	ANSI Z124.1.2-2005
19.	Thermal Shock Resistance	No cracking, Cracking, Blistering or spalling	ANSI Z124.1.2-2005
		Pass	
20.	Fungus and Bacteria Resistance	Does not support microbial growth	ASTM G21
21.	Boiling Water Resistance	No Effect	NEMA LD3-2005
22.	High Temperature Resistance	No Effect	NEMA LD3-2005

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23.	Izod Notched Impact Strength	2 J/m	ASTM D256-10 C
24.	Water Absorption	0.27%	ASTM D570-98(2010)
25.	Color Fastness to Light	Better than 6 (Blue Wool Standard)	ISO 105-B02:2014
26.	Greenguard	Certified	UL 2818
27.	Greenguard Gold	Certified	UL 2818
28.	NSF 51	Certified	
29.	Toxicity	99 (Solid Colors)	Pittsburgh Protocol Test
		66 (Patterned Colors)	
30.	Flammability	All colors (Class 1 and Class A)	ASTM E84-08
31.	Flame Spread Index	15	
32.	Smoke Developed Index	10	
Available Sheet Dimensions: 760mm x 3050mm x 6mm & 760mm x 3660mm x 12mm			