

Property	Test	Typical Results
Flexural Modulus	ASTM D790-10	1.9 x 10 ⁶ psi
Flexural Strength		8,800 psi
Tensile Modulus	ASTM D638-10	1.7 x 10 ⁶ psi
Tensile Strength		5,800 psi
Tensile Elongation		0.4% min.
Hardness – Barcol Impressor	ASTM D2583-07	57

Property	Test	Typical Results
Impact Strength – Izod notched	ASTM D256-10 Method A	0.28 ft-lb/in.
Impact Resistance (1/4") – ½ lb. ball	NEMA LD-3-2005	90" (No failure at height)
Impact Resistance (1/2") – ½ lb. ball		144" (No failure at height)
Water Absorption (1/4" or 6mm)	ASTM D570	0.15%
Water Absorption (1/2" or 12mm)		0.07%
Wear and Cleanability	ANSI Z124.3-2005	Pass
Stain Resistance		Pass
Boiling Water Resistance	NEMA LD-3:2005	No effect
High Temperature Resistance		No effect
Flammability: All colors	ASTM E 84	Class I (Class A)
Flame Spread Index		<25
Smoke Developed Index		<25

Property	Test	Typical Results
Density	ASTM D792-13	1.7g/cm ³
Approximate weight per square foot ¼" (6mm)	-	2.2 lbs.
Approximate weight per square foot ½" (12mm)	-	4.4 lbs.