

A multipurpose molding compound with good strength and low cost. U.L. recognized – E53587.

Property	Test Method, Unit	Properties	Test Method, Unit	Properties
Physical and Mechanical Properties				
Impact Strength	ASTM D256, FT- LBS/IN	7 – 9	ISO-179, kJ/m ²	35 – 45
Flexural Strength	ASTM D790, PSI	20 – 22,000	ISO-178, MPa	138 – 152
Flexural Modulus	ASTM D790, 10 ⁶ PSI	2.0 X 10 ⁶	ISO-178, GPa	14
Tensile Strength	ASTM D638, PSI	8 – 10,000	ISO-527, MPa	55 – 69
Compressive Strength	ASTM D695, PSI	20,000	ISO-604, MPa	138
Water Absorption	ASTM D570, %	0.15	ISO-62, %	0.15
Specific Gravity	ASTM D792, G/CM ³	1.85	ISO-1183, --	1.85
Shrinkage	ASTM D955, IN/IN	0.001 - 0.003	ISO-2577, %	0.1 – 0.3
Hardness	ASTM D2583, Barcol	40 – 50	ASTM D2583, Barcol	40 - 50
Bulk Factor App.	ASTM D1895, --	1.5	ASTM D1895, --	1.5
Electrical Properties				
Dielectric Strength	ASTM D149, kV/in	330	ISO-243, kV/mm	13
Arc Resistance	ASTM D495, Seconds	180	ASTMD495, Seconds	180
Thermal & Flame Retardant Properties				
Heat Deflection Temperature @ 264PSI	ASTM D648, °F	> 500	ISO-75, °C	> 260
Flame Resistance				
@ 1.5 mm		--		--
@ 3.0 mm	UL94	--	UL94	--
@ 6.0 mm		--		--

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