

Highest strength electrical grade with good track resistance and V-0 flame resistance.

Property	Test Method, Unit	Properties	Test Method, Unit	Properties
Physical and Mechanical Properties				
Impact Strength, Notched Izod	ASTM D256, FT- LBS/IN	8 – 10	ISO-179, kJ/m ²	40 – 50
Flexural Strength	ASTM D790, PSI	19 – 22,000	ISO-178, MPa	131 – 152
Flexural Modulus	ASTM D790, 10 ⁶ PSI	2.0	ISO-178, GPa	14
Tensile Strength	ASTM D638, PSI	7 – 9,000	ISO-527, MPa	48 – 62
Compressive Strength	ASTM D695, PSI	23,000	ISO-604, MPa	159
Water Absorption	ASTM D570, %	0.15	ISO-62, %	0.15
Specific Gravity	ASTM D792, G/CM ³	1.78	ISO-1183, --	1.78
Shrinkage	ASTM D955, IN/IN	0.001 – 0.003	ISO-2577, %	0.10 – 0.30
Hardness	ASTM D2583, Barcol	30 – 50	ASTM D2583, Barcol	30 – 50
Bulk Factor App.	ASTM D1895, --	2	ASTM D1895, --	2
Electrical Properties				
Dielectric Strength	ASTM D149, kV/in	290	ISO-243, kV/mm	11
Arc Resistance	ASTM D495, Seconds	180+	ASTM D495, Seconds	180+
Thermal & Flame Retardant Properties				
Heat Deflection Temperature @ 264PSI	ASTM D648, °F	> 500	ISO-75, °C	> 260
Flame Resistance				
@ 1.5mm	UL94	V-0	UL94	V-0

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