

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	108	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	6671	MPa	ASTM D 790
Flexural Strength	147	MPa	ASTM D 790
Izod Impact notched, 1/8 in	56.6	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	139	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E9	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	5 - 7	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	80 - 100	°C	-
Zone 1	280 - 290	°C	-
Zone 2	290 - 300	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-
Screw speed	<100	rpm	-
Back pressure	0 - 2	MPa	-

Characteristics

Processing
Injection Molding

Regional Availability
North America, Europe, Asia Pacific, South and Central America

Applications
Electrical and Electronical