

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	28000	MPa	ASTM D 638
Tensile Strength	248	MPa	ASTM D 638
Elongation at Break	1.2	%	ASTM D 638
Flexural Modulus	24000	MPa	ASTM D 790
Flexural Strength	368	MPa	ASTM D 790
Rockwell Hardness	M 100	-	ASTM D 785
Izod Impact notched, 1/8 in	5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	36	E-6/K	ASTM D 696
DTUL @ 264 psi	321	°C	ASTM D 648
Melting Temperature	352	°C	ASTM D 3418
Glass Transition Temperature	171	°C	ASTM E 1356
Thermal Conductivity, solid state	0.036	W/(m K)	ASTM C 177

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	50	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.04	%	ASTM D 570
Density	1400	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Chemical Resistance

General Chemical Resistance

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific