

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	4100	MPa	ASTM D 638
Tensile Strength	110	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	4100	MPa	ASTM D 790
Flexural Strength	172	MPa	ASTM D 790
Rockwell Hardness	M 95	-	ASTM D 785
Izod Impact notched, 1/8 in	4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	36	E-6/K	ASTM D 696
DTUL @ 264 psi	191	°C	ASTM D 648
Melting Temperature	360	°C	ASTM D 3418
Glass Transition Temperature	177	°C	ASTM E 1356
Thermal Conductivity, solid state	0.036	W/(m K)	ASTM C 177
Electrical properties			
ASTM Data			
Volume Resistivity	2.5E16	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1300	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific