

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	140	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	12000	MPa	ASTM D 790
Flexural Strength	215	MPa	ASTM D 790
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	133	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Other properties			
Density	1360	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	4	h	-
Melt temperature	280 - 300	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Increased electrical conductivity, High impact or impact modified

Features

Thermal Stability

Applications

IT / Business Machine, Electrical and Electronical, Encapsulation

Regional Availability

Asia Pacific