

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	400	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	11000	MPa	ASTM D 638
Tensile Strength at Yield	170	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	10000	MPa	ASTM D 790
Flexural Strength	270	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	900	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	325	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Density	1500	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	150 - 160	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	360 - 390	°C	-
Mold temperature	170 - 190	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, General Purpose

Regional Availability

Asia Pacific