

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	148	MPa	ASTM D 638
Tensile Strength at Break	147	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	8400	MPa	ASTM D 790
Flexural Strength	217	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	64	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	42	J/m	ASTM D 256
Temperature	-40	°C	-
Izod Impact unnotched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	255	°C	ASTM D 648
DTUL @ 264 psi	240	°C	ASTM D 648
Melting Temperature	262	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Volume Resistivity	1E14	Ohm*cm	ASTM D 257
Other properties			
Density	1470	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	260 - 280	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, South and Central America