

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.013	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	7800	MPa	ASTM D 638
Tensile Strength	125	MPa	ASTM D 638
Elongation at Break	2.8	%	ASTM D 638
Flexural Modulus	7700	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Izod Impact notched, 1/8 in	33	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	400	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	250	°C	ASTM D 648
Melting Temperature	372	°C	ASTM D 3418
Glass Transition Temperature	152	°C	ASTM E 1356
Other properties			
Density	1400	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Granules, Black

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa