

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	36	g/10min	ASTM D 1238
Temperature	400	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Modulus	3800	MPa	ASTM D 638
Tensile Strength	100	MPa	ASTM D 638
Elongation at Yield	5.2	%	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	3900	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	159	°C	ASTM D 648
Melting Temperature	343	°C	ASTM D 3418
Glass Transition Temperature	147	°C	ASTM E 1356
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1300	kg/m ³	ASTM D 792

Characteristics

Processing

Coating, Compression Molding

Delivery form

Powder, Natural Color

Special Characteristics

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat

Features

Ductile, Fatigue Resistance

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance

Applications

Chemical Process, Electrical and Electronical, Medical

Regional Availability

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