

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	9100	MPa	ASTM D 638
Tensile Strength	104	MPa	ASTM D 638
Elongation at Break	1.2	%	ASTM D 638
Flexural Modulus	8100	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Rockwell Hardness	R124	-	ASTM D 785
Izod Impact notched, 1/8 in	18	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	290	°C	ASTM D 648
Melting Temperature	323	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1590	kg/m ³	ISO 1183
Water Absorption, 24hr	0.19	%	ASTM D 570

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.06	%	-
Melt temperature	329 - 343	°C	-
Mold temperature	65 - 93	°C	-
Zone 1	318 - 324	°C	-
Zone 2	318 - 324	°C	-
Zone 3	327 - 332	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, White

Special Characteristics

Light stabilized or stable to light, U.V. stabilized or stable to weather

Features

Color Stability, Thermal Stability

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

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