

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	9170	MPa	ASTM D 638
Tensile Strength at Break	123	MPa	ASTM D 638
Elongation at Break	1.6	%	ASTM D 638
Flexural Modulus	8000	MPa	ASTM D 790
Rockwell Hardness	R124	-	ASTM D 785
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	313	°C	ASTM D 648
Melting Temperature	324	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1480	kg/m ³	ISO 1183
Water Absorption, 24hr	0.24	%	ASTM D 570
Density	1480	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.045	%	-
Melt temperature	329 - 343	°C	-
Mold temperature	66 - 93	°C	-
Zone 1	318 - 324	°C	-
Zone 2	327 - 332	°C	-

Characteristics

Processing
Injection Molding

Delivery form
Pellets, White

Features
Color 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