

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.013	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Strain at break	>50	%	ISO 527
ASTM Data			
Tensile Modulus	3600	MPa	ASTM D 638
Tensile Strength	88	MPa	ASTM D 638
Elongation at Yield	5.2	%	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	3500	MPa	ASTM D 790
Flexural Strength	134	MPa	ASTM D 790
Shore D Hardness	83	-	ASTM D 2240
Izod Impact notched, 1/8 in	170	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1350	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4	h	-
Mold temperature	175 - 205	°C	-
Zone 1	365	°C	-
Zone 2	370	°C	-
Zone 3	375	°C	-
Nozzle temperature	380	°C	-

Characteristics

Processing

Injection Molding, Profile Extrusion

Delivery form

Pellets

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Fatigue Resistance

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance, Oil Resistance, Oxidation Resistance

Applications

Chemical Process, Electrical and Electronical

Regional Availability

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