

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	180	MPa	ISO 527
Izod notched impact strength, +23°C	18.8	kJ/m ²	ISO 180/1A
ASTM Data			
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	7900	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	217	°C	ISO 11357-1/-3
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	200	°C	ASTM D 648
Vicat Temperature	210	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1340	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	230 - 250	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color