

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0116	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2750	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	257	°C	ISO 11357-1/-3
ASTM Data			
DTUL @ 264 psi	65	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Material specific properties	Value	Unit	Test Standard
Other Standards^[S]			
Viscosity number	50	cm ³ /g	ASTM D 2857

S: These properties are reported by the producer according standards that are different to our defaults.

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	70 - 100	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Natural Color

Regional Availability

North America, Europe, South and Central America