

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	270	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	66	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2455	MPa	ASTM D 790
Flexural Strength	106	MPa	ASTM D 790
Izod Impact notched, 1/8 in	147	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1020	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	82	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418
Vicat Temperature	118	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.11	%	ASTM D 570
Density	1280	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	95	°C	-
Pre-drying - Time	4	h	-
Melt temperature	250 - 270	°C	-
Mold temperature	60 - 80	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color