

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	58	MPa	ASTM D 638
Elongation at Break	7	%	ASTM D 638
Flexural Modulus	3970	MPa	ASTM D 790
Flexural Strength	75	MPa	ASTM D 790
Rockwell Hardness	R 95	-	ASTM D 785
Izod Impact notched, 1/8 in	62	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	103	°C	ASTM D 648
Vicat Temperature	120	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	40	kV/mm	ASTM D 149
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	40 - 50	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Features

Homopolymer

Regional Availability

North America, Europe, South and Central America