

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0175	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	60	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2500	MPa	ASTM D 790
Flexural Strength	88	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	130	E-6/K	ASTM D 696
DTUL @ 264 psi	95	°C	ASTM D 648
Melting Temperature	170	°C	ASTM D 3418
Vicat Temperature	162	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1410	kg/m³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	180 - 200	°C	-
Mold temperature	70 - 80	°C	-

Characteristics

Processing

Injection Molding

Features

Copolymer

Regional Availability

North America, Europe, South and Central America