

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	24.6	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.022	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	71	MPa	ASTM D 638
Elongation at Break	27	%	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Rockwell Hardness	M 92	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	165	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648
Melting Temperature	178	°C	ASTM D 3418

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

Other properties	Value	Unit	Test Standard
Density	1420	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	210 - 220	°C	-
Mold temperature	50 - 90	°C	-

Characteristics

Processing

Injection Molding

Features

Homopolymer

Regional Availability

North America, Europe, South and Central America