

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	17	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	55	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	4000	MPa	ASTM D 790
Flexural Strength	95	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	76	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	120	°C	ASTM D 648
Vicat Temperature	145	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	40	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	60 - 80	°C	-

Characteristics

Processing

Injection Molding

Features

Homopolymer

Chemical Resistance

Grease Resistance, Oil Resistance

Regional Availability

North America, Europe, South and Central America