

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.8	g/10min	ASTM D 1238
Temperature	235	°C	-
Load	1	kg	-
Mold Shrinkage, MD	0.0128	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2850	MPa	ASTM D 638
Tensile Strength at Yield	79	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	55	%	ASTM D 638
Flexural Modulus	3010	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	50	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	83	E-6/K	ASTM D 696
DTUL @ 66 psi	178	°C	ASTM D 648
DTUL @ 264 psi	65	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.6	%	ASTM D 570
Water Absorption, Equilibrium	9.5	%	ASTM D 570
Density	1130	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	240 - 280	°C	-
Mold temperature	80 - 95	°C	-
Injection pressure	3.5 - 12.5	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Homopolymer

Chemical Resistance

General Chemical Resistance

Certifications

Recycled Resin Content

Regional Availability

North America