

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0095	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	14.7	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Flexural Modulus	735.7	MPa	ASTM D 790
Flexural Strength	15.7	MPa	ASTM D 790
Izod Impact notched, 1/4 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	98.1	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	85	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.01	%	-
Melt temperature	200 - 230	°C	-
Mold temperature	40 - 60	°C	-
Zone 1	190 - 210	°C	-
Zone 2	200 - 230	°C	-
Zone 3	200 - 230	°C	-
Nozzle temperature	210 - 230	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	30 - 60	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America