

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	26	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Melt flow index, MFI	30	g/10min	ISO 1133

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2750	MPa	ISO 527
Yield stress	64	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
^[C] Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

ASTM Data

Tensile Strength	64	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	93	MPa	ASTM D 790
Rockwell Hardness	M 80	-	ASTM D 785
Taber Abrasion Resistance	14	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	55	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	156	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2

ASTM Data

Coefficient of Thermal Expansion, MD	100	E-6/K	ASTM D 696
DTUL @ 66 psi	158	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	19	kV/mm	ASTM D 149
Surface Resistivity	1E17	Ohm	ASTM D 257
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Arc Resistance	250	s	ASTM D 495

Other properties	Value	Unit	Test Standard
^[C] Density	1410	kg/m ³	ISO 1183
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1410	kg/m ³	ASTM D 792

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	180 - 210	°C	-
Mold temperature	60	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Copolymer

Delivery form

Pellets

Applications

Automotive

Special Characteristics

U.V. stabilized or stable to weather

Regional AvailabilityNorth America, Europe, Asia Pacific, South and Central America,
Near East/Africa