

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2900	MPa	ISO 527
Yield stress	66	MPa	ISO 527
Strain at break	25	%	ISO 527
Flexural modulus, 23°C	2700	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	63	MPa	ASTM D 638
Elongation at Break	25	%	ASTM D 638
Flexural Modulus	2570	MPa	ASTM D 790
Flexural Strength	91	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Taber Abrasion Resistance	14	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	33	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	157	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
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
Electrical properties			
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			
Density	1410	kg/m ³	ISO 1183
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1410	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding, Other Extrusion

Features

High Crystallinity, Copolymer

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific