

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	26000	MPa	ISO 527
Yield stress	250	MPa	ISO 527
Strain at break	1.3	%	ISO 527
Flexural modulus, 23°C	23000	MPa	ISO 178
Charpy impact strength, +23°C	36	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.6	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	59	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	450	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Oxygen index	23	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	600	-	IEC 60112
ASTM Data			
Volume Resistivity	3000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1340	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	280	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

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