

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	17000 / 16000	MPa	ISO 527
Yield stress	- / 200	MPa	ISO 527
Stress at break	235 / -	MPa	ISO 527
Strain at break	2.6 / 2.7	%	ISO 527
Flexural modulus, 23°C	17000 / -	MPa	ISO 178
ASTM Data			
Izod Impact notched, 1/8 in	120 / -	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1100 / -	J/m	ASTM D 256

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	220 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.6 / *	mm	-
Oxygen index	25 / *	%	ISO 4589-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Electric strength	25 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Density	1600 / -	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	270	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 280	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

High impact or impact modified

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