

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	20000 / 15500	MPa	ISO 527
Stress at break	230 / -	MPa	ISO 527
Strain at break	1.9 / -	%	ISO 527
Flexural modulus, 23°C	18500 / -	MPa	ISO 178
Charpy impact strength, +23°C	48 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9.3 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	227 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.4 / *	mm	-
Oxygen index	37 / *	%	ISO 4589-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	600 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Density	1680 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	1 - 3	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, Natural Color

Special Characteristics

Flame retardant, Halogen-free

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Regional Availability

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