

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	38500 / 36500	MPa	ISO 527
Tensile Strength	290 / 235	MPa	ISO 527
Strain at break	1.1 / 0.9	%	ISO 527
Flexural modulus, 23°C	36000 / 35000	MPa	ISO 178
Charpy impact strength, +23°C	60 / 35	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	50 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.7 / 6.3	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6.4 / -	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	45 / -	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7.5 / -	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	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

Other properties	dry / cond	Unit	Test Standard
Density	1570 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	0.24	%	ASTM D 570

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 - 160	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Regional Availability

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