

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.5 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3500 / 1400	MPa	ISO 527
Yield stress	62 / 50	MPa	ISO 527
Strain at break	3 / 18	%	ISO 527
Flexural modulus, 23°C	3200 / 1100	MPa	ISO 178
Izod notched impact strength, +23°C	3 / 6.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	2.5 / -	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	86 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	225 / *	°C	ISO 75-1/-2
Vicat softening temperature, A	234 / *	°C	ISO 306
Vicat softening temperature, B	247 / *	°C	ISO 306
Other properties			
Water absorption	9 / *	%	Sim. to ISO 62
Density	1170 / -	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Europe

Features

Low Smoke