

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10500 / 6200	MPa	ISO 527
Stress at break	110 / 75	MPa	ISO 527
Strain at break	2.5 / 4	%	ISO 527
Flexural modulus, 23°C	9500 / 6000	MPa	ISO 178
Izod notched impact strength, +23°C	5.5 / 8.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	4.5 / -	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	195 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210 / *	°C	ISO 75-1/-2
Vicat softening temperature, A	205 / *	°C	ISO 306
Vicat softening temperature, B	215 / *	°C	ISO 306
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	6 / *	%	Sim. to ISO 62
Density	1400 / -	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