

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Thermal conductivity of melt	0.25	W/(m K)	-
Spec. heat capacity of melt	1900	J/(kg K)	-
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	80 / 35	MPa	ISO 527
Yield strain	1.5 / -	%	ISO 527
Strain at break	50 / 50	%	ISO 527
Flexural modulus, 23°C	2600 / 800	MPa	ISO 178
Flexural modulus	700 / 300	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy notched impact strength, +23°C	6 / 40	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 119	-	ISO 2039-2
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	182 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	80 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E12 / 1E10	Ohm*m	IEC 62631-3-1
Other properties	dry / cond	Unit	Test Standard
Water absorption	10.5 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

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