

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	60 / -	MPa	ISO 527
Strain at break	50 / 50	%	ISO 527
Flexural modulus, 23°C	2000 / -	MPa	ISO 178
Charpy notched impact strength, +23°C	40 / -	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 116	-	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	180 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120 / *	E-6/K	ISO 11359-1/-2
Electrical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E12 / -	Ohm*m	IEC 62631-3-1
Other properties			
	dry / cond	Unit	Test Standard
Water absorption	4 / *	%	Sim. to ISO 62
Density	1080 / -	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