

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Thermal conductivity of melt	0.4	W/(m K)	-
Spec. heat capacity of melt	1400	J/(kg K)	-
Mechanical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	220 / 140	MPa	ISO 527
Strain at break	3.5 / 3.5	%	ISO 527
Flexural modulus, 23°C	13800 / 8100	MPa	ISO 178
Flexural modulus	7100 / 5000	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy impact strength, +23°C	130 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18.5 / 23.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 121	-	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	225 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	25 / *	E-6/K	ISO 11359-1/-2
Other properties			
	dry / cond	Unit	Test Standard
Water absorption	5.3 / *	%	Sim. to ISO 62
Density	1500 / -	kg/m ³	ISO 1183

Characteristics

Regional Availability

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