

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	3200 / -	MPa	ISO 527
Yield stress	80 / -	MPa	ISO 527
Yield strain	4.5 / -	%	ISO 527
Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / -	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	261 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	80 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	5 / -	-	IEC 62631-2-1
Dissipation factor, 1MHz	2000 / -	E-4	IEC 62631-2-1
Volume resistivity	1E10 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E10	Ohm	IEC 62631-3-2
Electric strength	80 / -	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	8.5 / *	%	Sim. to ISO 62
Humidity absorption	2.8 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m ³	ISO 1183

Characteristics

Delivery form

Pellets

Regional Availability

Europe, Asia Pacific, Near East/Africa