

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	75 / 35	MPa	ISO 527
Strain at break	50 / 50	%	ISO 527
Flexural modulus, 23°C	2500 / 800	MPa	ISO 178
Flexural modulus	700 / 300	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy notched impact strength, +23°C	5.5 / 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, 1.80 MPa	65 / *	°C	ISO 75-1/-2
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

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Electric strength	20 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	10.5 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m ³	ISO 1183

Characteristics

Processing

Other Extrusion, Blow Molding

Regional Availability

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