

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	650 / 500	MPa	ISO 527
Tensile Strength	50 / 35	MPa	ISO 527
Strain at break	190 / 200	%	ISO 527
Flexural modulus, 23°C	590 / 450	MPa	ISO 178
Flexural strength	24 / 20	MPa	ISO 178
Charpy impact strength, +23°C	N / 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	115 / N	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	16 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	50 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Water absorption	9.5 / *	%	Sim. to ISO 62
Humidity absorption	2.7 / *	%	Sim. to ISO 62
Density	1080 / -	kg/m ³	ISO 1183

Material specific properties	dry / cond	Unit	Test Standard
ISO Data			
Viscosity number	200 / *	cm ³ /g	ISO 307, 1157, 1628

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	pipe/tube	-	-
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	8	h	-
Melt temperature	<250	°C	-

Characteristics

Processing

Pipe/Tube Extrusion

Chemical Resistance

Oil Resistance

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

Europe