

Product Texts

Homopolymer for fibres.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1600	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Rockwell hardness	R 98	-	ISO 2039-2

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Melt temperature	190 - 240	°C	-

Processing Recommendation Extrusion

	Value	Unit	Test Standard
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding, Fiber Extrusion, Film Extrusion, Sheet Extrusion

Delivery form

Pellets

Features

Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, RoHS compliant

Applications

Electrical and Electronical, Monofilament, Packaging

Regional Availability

Europe