

Product Texts

Homopolymer for BOPP film.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.5	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	38	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Rockwell hardness	R 99	-	ISO 2039-2

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	119	°C	ISO 75-1/-2

Processing Recommendation Extrusion

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

Characteristics**Processing**

Other Extrusion

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Barrier Properties, Homopolymer

Chemical Resistance

Oil Resistance, Oxidation Resistance

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

Applications

Electrical and Electronical, Packaging

Regional Availability

Europe