

PRODUCT DATA SHEET

PT106

POLYPROPYLENE TERPOLYMER

Product Description

PT106 is a terpolymer with characterized by low sealing temperature grade; modified with ethylene 8 butene, good sealability and hot tack, suitable to be used in BOPP applications.

Characteristics

- Low sealing temperature grade
- Good sealability and hot track
- Contain slip agent/anti-blocking additives

Applications

- In lamination with BOPP grades, for display packaging of
- Foodstuffs
 - Cosmetics
 - Clothes and cigarettes

Properties

Typical Properties	Test Method	Units	Typical Value
Physical			
Melt Flow Rate at 230 °C/2.16 kg	ISO 1133	g/10min	6
Density	ISO 1183	g/cm ³	0.9
Mechanical			
Flexural Modulus	ISO 178	MPa	700
Tensile Stress at Yield	ISO 527-2	MPa	22
Tensile strain at Yield	ISO 527-2	%	14
Impact			
Izod Notched at 23 °C	ISO 180/1A	kJ/m ²	5
Thermal			
Vicat Softening Temperature (A50)	ISO 306	°C	118
Heat Deflection Temperature (0.45MPa, Unannealed)	ISO 75B-2	°C	<75
Optical			
Gloss (on 50μ thick cast film)	ASTM D2457	%	92
Haze (on 50μ thick cast film)	ASTM D1003	%	0.8

Note: The above are typical data representing the product; not to be construed as analysis certificate or specifications. User should confirm results by their own tests.

Typical Processing Conditions

PT106 can be processed on injection moulding conversion equipment designed for PP. Optimization may be required depending on the exact end use requirement. Recommended melt temperature in the range of 190–240°C can be used.

Regulatory Information

Details of information will be provided in a relevant declaration letter upon request.

Processing and Handling

PT106 should be stored in a dry, under shaded and ventilated environment at a temperature below 50°C. Prolonged or improper storage can result in deterioration of product properties.

Health and Safety

This product is not classified as a dangerous preparation. Before using this product, customer is advised to consult PRefChem's Safety Data Sheet (SDS) to understand the precautions in various aspect of safety, recovery and disposal of the product.

For More Information

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