

Eltex® P KS309

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

Benefits & Features

ELTEX® P KS309 is a random terpolymer with a high content of comonomers, specially designed for the sealing layers of "coextruded bioriented films".

Very low sealing temperature

Very good optical properties

Excellent processing stability

Applications

Sealing layers of coextruded bioriented films for technical and food packaging

Suitable for double bubble heat shrinkable POF film

General Information	
Features	Food Contact Acceptable
	Good Processing Stability
	Low Temperature Heat Sealability
	Opticals
	Terpolymer
Uses	Bi-axially Oriented Film
	Film
	Food Packaging
	Packaging
RoHS Compliance	Contact Manufacturer
Forms	Pellets
Processing Method	Coextrusion
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.895	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 23°C)	59		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Flexural Modulus (23°C)	620	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Heat Seal Threshold ¹	105	°C	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.7	kJ/m ²	ISO 180/A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	55.0	°C	ISO 75-2/B
Vicat Softening Temperature	107	°C	ISO 306/A50
Peak Melting Temperature	126	°C	ASTM D3417
NOTE			
1.	1s, 3 bars, 100 mm/min, 100 g/cm		

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