

# Eltex® P KS300

Polypropylene Random Copolymer  
INEOS Olefins & Polymers Europe

Message:

Benefits & Features  
ELTEX® P KS300 is a random terpolymer with a high content of comonomers, specially designed for the sealing layers of “coextruded bioriented films”. It contains anti-block and slip additives.  
Very low sealing temperature  
Very good optical properties  
Excellent processing stability  
A formula with slipping and anti-block agents  
Applications  
Sealing layers of coextruded bioriented films for technical and food packaging

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Good Processing Stability		
	Low Temperature Heat Sealability		
	Opticals		
	Slip		
	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/cm³	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 <sup>1</sup>	105	°C	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.7	kJ/m <sup>2</sup>	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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#### Recommended distributors for this material

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