

Eltex® P KS400

Polypropylene Random Copolymer
INEOS Olefins & Polymers Europe

Message:

Benefits & Features
Eltex® P KS400 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented film". It contains slip and anti-blocking agents.

Applications
Random copolymer specially developed for the sealing layers of "coextruded bioriented film"

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Random Copolymer		
	Slip		
Uses	Bi-axially Oriented Film		
	Film		
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)	62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2
Flexural Modulus (23°C)	700	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Heat Seal Threshold ¹	115	°C	Internal Method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	60.0	°C	ISO 75-2/B
Vicat Softening Temperature	120	°C	ISO 306/A50
Peak Melting Temperature	134	°C	ASTM D3417

NOTE

1. 1s, 3 bars, 100 mm/min, 100 g/cm

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