

Eltex® P KS409

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

Benefits & Features

Eltex® P KS409 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented film". It contains no special additives and is thus particularly appreciated by users wishing to use their own "formulas".

Applications

Random copolymer specially developed for the sealing layers of "coextruded bioriented film", suitable also for coextruded cast film

General Information			
Features	Random Copolymer		
Uses	Bi-axially Oriented Film Film		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Cast Film 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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