

Eltex® P KS407

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

Benefits & Features

Eltex® P KS407 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented metallisable film"; it contains no technical additives and is thus particularly appreciated by users wishing to use their own "formulas". Its stabilisation package has been especially designed for metallisable film applications.

Applications

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

Suitable also for coextruded cast film

General Information	
Features	Metallizable
	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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