

Eltex® P KS399

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

Benefits & Features

Eltex® P KS399 belongs to INEOS' third generation of heat seal resin and is based on the new structural concept developed for the 2nd generation terpolymer (Eltex® P KS350 series) and is successfully used by major BOPP film producers all over the world.

Eltex® P KS399 is a propylene/alpha olefin copolymer specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging. It provides a unique combination of extremely low sealing temperature (90°C) and improved ease of processing, yet maintaining excellent optical properties.

Specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging

Extremely low sealing temperature (90°C)

Ease of processing (Melting point > 130°C)

Applications

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

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Processability		
	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)	58		ISO 868
Films	Nominal Value	Unit	Test Method
Heat Seal Threshold ¹	90	°C	Internal Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ISO 306/A50

Peak Melting Temperature	131	°C	ASTM D3417
NOTE			

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

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