

Eltex® P KS689

Polypropylene Copolymer
INEOS Olefins & Polymers Europe

Message:

Polypropylene - Heat Seal
Benefits & Features
Eltex® P KS689 is a propylene/alpha-olefin copolymer specially developed for the sealing layers of "coextruded bi-oriented film" for food and technical packaging. It provides a unique combination of extremely low sealing temperature (80°C) and improved ease of processing, yet maintaining excellent optical properties. It contains neither slip nor anti-blocking additives.
Specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging and over-wrapping
Low haze, high clarity and gloss
Extremely low sealing temperature (80°C)
Broad processing window (Melting temperature 130°C)
Applications
Barefoot copolymer specially developed for the sealing layers of "coextruded bioriented film"

General Information			
Features	Low temperature heat sealability		
	Highlight		
	Copolymer		
	Optical		
	Workability, good		
	Definition, high		
	Compliance of Food Exposure		
Uses	Bi-axially Oriented Film		
	Packaging		
	Films		
	Food packaging		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Bi-axially Oriented Film		
	Co-extrusion molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 23°C)	53		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	350	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Heat seal threshold ¹	80	°C	Internal method

Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	130	°C	ASTM D3417
NOTE			
1.	1s, 3 bars, 100 mm/min, 100 g/cm		

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