

# Eltex® P KS407HP

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

## Message:

Polypropylene - Heat Seal

Benefits & Features

Eltex® P KS407HP is a modified 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.

Good metal adhesion

Good processability on high speed BOPP lines

Longer Corona surface treatment retention

Applications

Sealing layers for further converting operations (metallisation, lamination, printing).

General Information	
Features	Electroplating
	Workability, good
	Good adhesion
	Random copolymer
	No additive
Uses	Bi-axially Oriented Film
	Films
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
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	720	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Heat seal threshold <sup>1</sup>	115	°C	Internal method
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	134	°C	ASTM D3417
NOTE			

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

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Recommended distributors for this material

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