



Eltex® P KS407 HP

Provisional technical datasheet

Product Technical Information

Polypropylene - Heat Seal

Eltex® P KS407 HP 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.

Applications

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

Benefits and features

- Good metal adhesion
- Good processability on high speed BOPP lines
- Longer Corona surface treatment retention

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	5	g/10min
Mechanical				
Flexural Modulus	@ 23°C	ISO 178	720	MPa
Thermal				
Melting Point		ASTM D 3417	134	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min 100g/cm	INEOS	115	°C

Data should not be used for specification work

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Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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