Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

Eltex® P KS407HP

Product Technical Information

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).

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	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 Method	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 be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website www.ineos.com where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

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 Safety Data Sheet (SDS) that may be obtained from the website www.ineos.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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