Eltex® P KS689

Product Technical Information

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"

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	350	MPa
Shore D Hardness	23°C	ISO 868	53	-
Thermal				
Melting Point		ASTM D 3417	130	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min & 100g/cm	Ineos Method	80	°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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