



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				

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.