# 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**

November, 2013

Published by
INEOS Olefins & Polymers Europe

# Eltex® P KS689

## 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.



November, 2013

Published by

INEOS Olefins & Polymers Europe