



Eltex[®] P KS399

Product Technical Information

Polypropylene - Heat Seal

Benefits & Features

Eltex[®] P KS399 belongs to INEOS' third generation of heat seal resin and is based on the new structural concept developed for the 2nd generation terpolymer (**Eltex[®] P KS350** series) and is successfully used by major BOPP film producers all over the world.

Eltex[®] P KS399 is a propylene/alpha olefin copolymer specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging. It provides a unique combination of extremely low sealing temperature (90°C) and improved ease of processing, yet maintaining excellent optical properties.

- Specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging
- Extremely low sealing temperature (90°C)
- Ease of processing (Melting point > 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
Density	23°C	ISO 1183-1	895	kg/m ³
Mechanical				
Shore D Hardness	23°C	ISO 868	58	-
Thermal				
Melting Point		ASTM D 3417	131	°C
Vicat Softening Temperature	10 N	ISO306/A50	102	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min & 100g/cm	Ineos Method	90	°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.