

# ELTEX<sup>®</sup> P KS384

## Product Technical Information

Polypropylene - Heat Seal

### Benefits & Features

ELTEX<sup>®</sup> P KS384 offers a very low heat seal temperature (10°C below that of Eltex<sup>®</sup> P KS400 type random copolymers) and contains antiblocking agent.

It is developed primarily for the sealing layer in "coextruded bioriented film" for food and technical packaging.

### Applications

- 2nd generation terpolymer specially developed for the sealing layers of "coextruded bioriented film"

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	5	g/10min
Density	23°C	ISO 1183-1	895	kg/m <sup>3</sup>
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	620	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	20	MPa
Shore D Hardness	23°C	ISO 868	58	-
<b>Thermal</b>				
Melting Point		ASTM D 3417	131	°C
Vicat Softening Temperature	10 N	ISO306/A50	105	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	55	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min & 100g/cm	Ineos Method	105	°C
<b>Data should not be used for specification work</b>				

### 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.