ELTEX® P KS384

Product Technical Information
Polypropylene - Heat Seal

Benefits & Features
ELTEX® P KS384 offers a very low heat seal temperature (10ºC below that of **Eltex® 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
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	5	g/10min
Density	23°C	ISO 1183-1	895	kg/m³
Mechanical				
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	-
Thermal				
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
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.

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