Eltex® P KS400

Product Technical Information
Polypropylene - Heat Seal

Benefits & Features
Eltex® P KS400 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented film". It contains slip and anti-blocking agents.

Applications
- Random 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/m³
Mechanical				
Flexural Modulus	23°C	ISO 178	700	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	21	MPa
Shore D Hardness	23°C	ISO 868	62	-
Thermal				
Melting Point		ASTM D 3417	134	°C
Vicat Softening Temperature	10 N	ISO306/A50	120	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	60	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min & 100g/cm	Ineos Method	115	°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.