ELTEX® P KS300

Production on customer request

Product Technical Information

Polypropylene - Heat Seal

Benefits & Features

ELTEX® P KS300 is a random terpolymer with a high content of comonomers, specially designed for the sealing layers of "coextruded bioriented films". It contains anti-block and slip additives.

- Very low sealing temperature
- Very good optical properties
- Excellent processing stability
- A formula with slipping and anti-block agents

Applications

- Sealing layers of coextruded bioriented films for technical and food packaging

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
Izod Impact Strength, notched	23°C	ISO 180/A	8.7	kJ/m²
Shore D Hardness	23°C	ISO 868	59	-
Thermal				
Melting Point		ASTM D 3417	126	°C
Vicat Softening Temperature	10 N	ISO306/A50	107	°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

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.