



Product Technical Information

Polypropylene - Heat Seal

Benefits & Features

ELTEX® P KS341 is a propylene/alpha olefin random copolymer specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging. It features an extremely low sealing temperature (below 100°C) and contains anti-block additives.

- Specially developed for the sealing layers of "coextruded bioriented film" for food and technical packaging
- Extremely low sealing temperature (below 100 C)
- Contains anti-block additives

Applications

- Propylene/alpha olefin random copolymer specially developed for the sealing layers of "coextruded bioriented film" (Tenter & blown film process)

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	7.3	g/10min
Density	23°C	ISO 1183-1	895	kg/m ³
Mechanical				
Flexural Modulus	23°C	ISO 178	450	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	20	MPa
Shore D Hardness	23°C	ISO 868	55	-
Thermal				
Melting Point		ASTM D 3417	115	°C
Vicat Softening Temperature	10 N	ISO306/A50	95	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	47	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min & 100g/cm	Ineos Method	92	°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.