



Eltex® P KS409

Product Technical Information

Polypropylene – Heat Seal

Eltex® P KS409 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented film". It contains no special additives and is thus particularly appreciated by users wishing to use their own "formulas".

Applications

- Random copolymer specially developed for the sealing layers of "coextruded bioriented film", suitable also for coextruded cast film

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	5	g/10min
Density	@ 23°C	ISO 1183	895	kg/m ³
Mechanical				
Flexural Modulus	@ 23°C	ISO 178	700	MPa
Tensile Strength	@ Yield	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	ISO 306/A	120	°C
HDT	@ 0.45 MPa	ISO 75/B	60	°C
Heat Seal Threshold	1s, 3 bars, 100mm/min 100g/cm	INEOS	115	°C



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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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