



Eltex[®] P KS409

Product Technical Information

Polypropylene - Heat Seal

Benefits & Features

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 | 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/m ³ |
| 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



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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.

Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website www.ineos.com where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

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