



ELTEX[®] P KS350 HP

Product Technical Information

Polypropylene - Heat Seal

Benefits & Features

ELTEX[®] P KS350 HP offers a very low heat sealing temperature and contains anti-block and slip additives. Its fine-tuned rheology offers excellent processability on high speed BOPP conversion lines. Its low tendency of generating die deposits significantly reduces line down time and curative maintenance operations. The grade is available on a non-phthalate catalyst basis.

Applications

- Food and non-food applications
- Technical films

| Properties | Conditions | Test Methods | Values | Units |
|-----------------------------|------------------------------------|--------------|--------|-------------------|
| Physical | | | | |
| Melt Flow Rate | 230°C/2.16 kg | ISO 1133-1 | 6 | g/10min |
| Density | 23°C | ISO 1183-1 | 895 | kg/m ³ |
| Mechanical | | | | |
| Flexural Modulus | 23°C | ISO 178 | 620 | MPa |
| Tensile Strength at Yield | 23°C | ISO 527-1,-2 | 20 | MPa |
| Shore D Hardness | 23°C | ISO 868 | 58 | - |
| Thermal | | | | |
| Melting Point | | ASTM D 3417 | 131 | °C |
| Vicat Softening Temperature | 10 N | ISO306/A50 | 105 | °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.