



Pro-fax KF6190H

Polypropylene, Homopolymer

Product Description

KF6190H is a polypropylene homopolymer. With its specially controlled rheology, excellent optical properties and outstanding thickness profile it is quite suitable for film extrusion on high performance Teneter process lines. Potential end use applications include monolayer, multi-layer, coextruded or laminated BOPP film, foodstuff packaging, flower wrapping, paper lamination and even textiles.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Africa-Middle East, Latin America
Processing Method	Double Bubble
Features	Homopolymer
Typical Customer Applications	Raffia/Tapes/Strapping, BOPP

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.905 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	3 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	35 MPa
Flexural modulus	ISO 178	1350 MPa
Impact		
Notched izod impact strength (20 °C)	ISO 180	4 kJ/m ²
Hardness		
Shore hardness (Shore Units)	ISO 868	70
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	88.0 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C
Vicat softening temperature	ISO 306	151 °C

Additional Properties

KF6190H is designed to comply with European and USA (FDA) food contact regulations. For further details regarding appropriate end use applications, please contact your local Basell representative.

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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