



Pro-fax RF6140K

Polypropylene, Homopolymer

Product Description

RF6140K is a polypropylene homopolymer. With its narrow molecular weight distribution, high gloss, high transparency, and special additive package, it is quite suitable for extrusion of tubular, water quenched blown film (iPP). Potential end use applications include packaging for foodstuffs, textiles, flowers and magazines, as well as film for photo albums.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Africa-Middle East, Latin America
Processing Method	Blown Film
Features	Unspecified Antiblocking , High Clarity, High Gloss , Homopolymer, Narrow Molecular Weight Distribution, Unspecified Slip, Good Color Stability
Typical Customer Applications	Bags & Pouches, Blown Film

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.905 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	8 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	33 MPa
Flexural modulus	ISO 178	1150 MPa
Impact		
Notched izod impact strength (20 °C)	ISO 180	-- 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

RF6140K 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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