

Pro-fax RF6140K

Polypropylene Homopolymer
LyondellBasell Industries

Message:

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.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Good Color Stability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Narrow Molecular Weight Distribution		
	Slip		
Uses	Bags		
	Film		
	Food Packaging		
	Packaging		
	Textile Applications		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2

Flexural Modulus	1150	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	88.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	151	°C	ISO 306

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