

Pro-fax KF6190H

Polypropylene Homopolymer
LyondellBasell Industries

Message:

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.

General Information			
Features	Controlled Rheology		
	Food Contact Acceptable		
	Homopolymer		
	Opticals		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Laminates		
	Packaging		
	Strapping		
	Tape		
	Textile Applications		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Processing Method	Coextruded Film		
	Film Extrusion		
	Tenter Process		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	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)	35.0	MPa	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (20°C)	4.0	kJ/m ²	ISO 180

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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