

HIPOLEN P® FL 6C

Polypropylene Homopolymer

HIPOL A.D.

Message:

Hipolen® P FL 6C is a homopolymer, suitable for Biaxially oriented films.

Typical applications of Hipolen® P FL 6C are BOPP, packaging film for food, film suitable for lacquering.

Hipolen® P FL 6C has a wide range of approval for contact with food but for specific applications, reference should be made to Hipol chemical industry.

General Information			
Features	Homopolymer		
	Workability, good		
	Compliance of Food Exposure		
Uses	Bi-axially Oriented Film		
	Films		
	Food packaging		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0	%	ASTM D638
Fracture	900	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	38	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	145	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	
Melt Temperature	230 - 270	°C	
Extrusion instructions			
Melt temperature tubular film: 210 to 250°CStretch oven temperature: 150 to 160°C			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

