

Polychim HB12XF

Polypropylene Homopolymer

Polychim Industrie S.A.S.

Message:

APPLICATIONS :

Fibre spinning (short quench), Resistance to gas fading.

General Information			
Features	Homopolymer		
	Resistance to gas fading		
Uses	Fiber		
Processing Method	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0 - 13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³	< 1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	107	°C	ASTM D648
1.8 MPa, not annealed	55.0	°C	ASTM D648
Vicat Softening Temperature			
--	155	°C	ASTM D1525 ⁴
--	96.0	°C	ASTM D1525 ⁵
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 0.0	YI	DIN 6167
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	速率 A (50°C/h), 压 力1 (10N)		
5.	速率 A (50°C/h), 载荷2 (50N)		

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



WECHAT