

Polychim HV22XF

Polypropylene Homopolymer

Polychim Industrie S.A.S.

Message:

APPLICATIONS :

High tenacity fiber spinning, 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)	5.0 - 6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	38.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	< 1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	106	°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)		

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