

Polychim HC10XC

Polypropylene Homopolymer

Polychim Industrie S.A.S.

Message:

APPLICATIONS :
Compounding (masterbatch), Fine Fibre (CF fibre).

General Information			
Features	Homopolymer		
Uses	Composite		
	Masterbatch		
	Fiber		
Processing Method	Composite		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22 - 28	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.0	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)	28	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	99.0	°C	ASTM D648
1.8 MPa, not annealed	54.0	°C	ASTM D648
Vicat Softening Temperature			
--	154	°C	ASTM D1525 ⁴
--	95.0	°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

