

# POLYPROPYLENE HOMOPOLYMER

## HB12XF

Typical Properties			
PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Melt Flow Rate (230°C/2.16Kg)	ASTM D1238	g/10 min	11.0 ± 2.0
Density	ASTM 1505	g/cm <sup>3</sup>	0.9
Colour	DIN 6167	Yi	0 max
Tensile Yield Strength (50mm/min)	ASTM D638	MPa	35.5
Yield Elongation (50mm/min)	ASTM D638	%	10
Flexural Modulus at 1.3mm/min (1% sec)	ASTM D790	MPa	1500 max
Notched Izod Impact Strength at 23°C	ASTM D256-A	J/m	35
Heat Deflection Temperature	ASTM D648	455 kPa	107
		1820 kPa	55
Vicat Softening Point	ASTM D1525-A	9.81 N	155
		49.05 N	96

*Typical data not to be used as specifications*

- **APPLICATIONS** : Fibre spinning (short quench), Resistance to gas fading

Version : May 2012

The technical information provided by Polychim Industrie S.A.S. herein is presented in good faith, to the best of our knowledge and based on information we believe is reliable. However no warranty of merchantability or fitness for a particular purpose is implied or expressed for present or future as Polychim Industrie S.A.S reserves the right to change the composition of its products in order to enhance merchantability and/or performance. Nor will Polychim Industrie S.A.S be liable for any direct, indirect, special, incidental, or consequential loss or damage, regardless of legal theory, negligence or strict liability. It is the customer's responsibility to inspect and to test our products in order to satisfy themselves as to the suitability of the products to their particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling our products.