

POLYPROPYLENE HOMOPOLYMER

HL10XF

Typical Properties				
PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE	
Melt Flow Rate (230°C/2.16Kg)	ASTM D1238	g/10 min	3.8 ± 0.5	
Density	ASTM 1505	g/cm ³	0.9	
Colour	DIN 6167	Yi	0 max	
Tensile Yield Strength (50mm/min)	ASTM D638	MPa	36	
Yield Elongation (50mm/min)	ASTM D638	%	9.5	
Flexural Modulus at 1.3mm/min (1% sec)	ASTM D790	MPa	1600 max	
Notched Izod Impact Strength at 23°C	ASTM D256-A	J/m	37	
Heat Deflection Temperature	ASTM D648	455 kPa	° C	104
		1820 kPa		54
Vicat Softening Point	ASTM D1525-A	9.81 N	° C	155
		49.05 N		93

Typical data not to be used as specifications

- **APPLICATIONS** : High tenacity fiber spinning

Version : November 2012

The information contained in this document is based on testing carried out by our laboratory or external research institutes and literature data. To the best of our knowledge and at the time of publication, this information is true and accurate. It shall however, in no event be held to constitute or imply warranty, undertaking express or implied commitment from the part of Polychim Industrie S.A.S. No liability whatsoever can be accepted by Polychim Industrie S.A.S with regard to the handling, processing or use of the product concerned which must in all cases be used in accordance with all applicable laws and regulations. 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.