



POLYCHIM INDUSTRIE

POLYPROPYLENE HOMOPOLYMER

DATA SHEET

A 10 TB

PROPERTY	TEST METHOD	UNIT		
Melt Flow	ASTM D1238	g/10 min	3.0 ± 0.5	
Density	ASTM 1505	g/cm ³	0.903	
Colour	DIN 6167	Yi	0 max	
Atacticity	Xylene Solubles	%	4.5 max	
M W D			Broad	
Tensile Yield Strength (50mm/min)	ASTM D638	MPa	35	
Yield Elongation (50mm/min)	ASTM D638	%	15	
Flexural Modulus (1.3mm/min) 1% sec	ASTM D790	MPa	1700 max	
Izod Impact Strength at 23°C	ASTM D256-A	J/m	45	
Rockwell Hardness	ASTM D785	R Scale	107	
Heat Deflection Temperature	ASTM D648	455 kPa	°C	79
		1820 kPa	°C	55
Vicat Softening Point	ASTM D1525-A	9.81 N	°C	154
		49.05 N	°C	95
Ash Content	ASTM D229-77	mg/kg	320	

APPLICATIONS :

- Extrusion, Stretched Tape
- Carpet backing and Woven bags

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.

Version : February 2004