

TYPICAL PROPERTIES			
PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Melt Flow Rate (230°C/2.16Kg)	ASTM D1238	g/10 min	55.0 ± 5.0
Density	ASTM 1505	g/cm <sup>3</sup>	0.9
Colour	ASTM E313	Yi	0 max
Tensile Yield Strength (50mm/min)	ASTM D638	MPa	39.5
Yield Elongation (50mm/min)	ASTM D638	%	8
Tensile at break (50mm/min)	ASTM D638	MPa	38
Elongation at break (50mm/min)	ASTM D638	%	13.5
Flexural Modulus at 1.3mm/min (1% sec)	ASTM D790	MPa	1800
Notched Izod Impact Strength at 23°C	ASTM D256-A	455 kPa	27
		1820 kPa	60
Heat Deflection Temperature	ASTM D648	455 kPa	116
		1820 kPa	60

*Typical data not to be used as specifications*

Polypropylene **HJ45XI** is clarified with the latest generation clarifier, taking advantage of its excellent aesthetics and processing efficiency. This product is a high-clarity PP grade for thin-walled packaging and injection molded containers for food and non-food applications. In addition to the excellent transparency level, this grade allows converters to achieve considerable energy and cost savings by processing the grades at lower temperatures and with shorter cycle times than similar products in the market **HJ45XI** is accompanied with. This grade possesses a high stiffness, which helps to improve top load properties as well as enable down gauging of the final product.

## APPLICATIONS

Injection moulding, TWIM

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.

