

HD10XS

POLYPROPYLENE HOMOPOLYMER

Datasheet version: February 2025

TYPICAL PROPERTIES				
PROPERTY	TEST METHOD		UNIT	TYPICAL VALUE
Melt Flow Rate (230°C/2.16Kg)	ASTM D1238		g/10 min	25.0 ± 3.0
Density	ASTM 1505		g/cm³	0.9
Colour	ASTM E313		Yi	0 max
Tensile Yield Strength (50mm/min)	ASTM D638		MΡα	35
Yield Elongation (50mm/min)	ASTM D638		%	10
Tensile at break (50mm/min)	ASTM D638		MΡα	34
Elongation at break (50mm/min)	ASTM D638		%	20
Flexural Modulus at 1.3mm/min (1% sec)	ASTM D790		MPa	1550
Notched Izod Impact Strength at 23°C	ASTM D256-A		J/m	38
Heat Deflection Temperature	ASTM D648	455 kPa	°C	108
		1820 kPa		55

Typical data not to be used as specifications

Polypropylene **HD10XS** is a narrow molecular weight distribution polypropylene homopolymer and is formulated with an anti-gasfading stabilization package.

APPLICATIONS

Spunbond, fine fibres, continuous filaments

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.



Polychim Industrie S.A.S. Port 4810, 4810 Route d'Artois, 59279 Loon-Plage, France T 03 28 58 02 70 F 03 28 27 26 65 www.bintg.com TVA FR 90 349 078 097 S.A.S. au Capital de 53.375.000 Euros R.C. Dunkerque 89 B 10 Siret 349 078 097 00020 APE 2016 Z Natixis 75060 Paris BIC NATXFRPPXXX IBAN FR76 3000 7999 9904 2762 1200 064 R.I.B. 30007-99999.04276212000-64 BANK 30007 Branch code 99999 Account 04276212000 key 64

