



TECHNICAL DATA SHEET

HDPE 8140

(preliminary)

Properties HDPE regranulate
(HDPE injection moulding)

Test	Property	Value	Unit	Conditions	Norm
Tensile testing	Max. tensile stress	24	MPa	23°C / 50% RH	ISO 527-2*
	Modulus of elasticity (Youngs)	1200 - 1350	MPa	23°C / 50% RH	ISO 527-2
	Max. tensile strain	>250	%	23°C / 50% RH	ISO 527-2
Impact testing	Charpy impact strength	NB	kJ/m2	23°C / 50% RH	ISO 179 **
	Notched Charpy impact strength	>9	kJ/m2	23°C / 50% RH	ISO 179 ***
MFR	MFI	4	g/10min	190°C/2.16 kg	ISO 1133

* ISO 527-2 - type 1A - 23°C - 50mm/min

** ISO 179/ type 1/ 23°C

*** ISO 179/ type 1/ notch A 23°C

DISCLAIMER:

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.