

### Pipe Extrusion

#### Applications

- Potable water piping
- Sewer systems
- Oil and gas gathering and distribution
- Mining, chemical and industrial applications

#### Description

HDPE PE100N is a bimodal, high molecular weight, high density resin designed for the most demanding requirements of pressure pipe applications. This resin has an excellent balance of physical properties and extrusion processability.

Property	Value	Unit	Method
Melt Index 190°C/2.16 kg	0.04	g/10 min	D 1238
Melt Index HLMI 190°C/21.6 kg	6.7	g/10 min	D 1238
Density	.948	g/cc	D 1505
Tensile Strength at Yield	> 3500	psi	D 638
Elongation at Break	> 600	%	D 638
Flexural Modulus, 2% Secant	>115000	psi	D 790
Flexural Modulus, 1% Secant	> 135000	psi	D 790
Pent Slow Crack Growth	> 2000	h	F 1473
Thermal Stability Temperature	> 500	°F	D 3350
Brittleness Temperature	< -95	°F	D 746
Notched Izod Impact @ 23 °C	9.1	ft-lb/in	D 256

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

**GLOBAL PLASTICS LP**

21 Downing Street Front 1 New York, NY 10014

(Domestic) 1-800 417-4605

(International) +1-646-790-7200

[www.globalplastics.net](http://www.globalplastics.net)