

## Petromont 8001 High Density Polyethylene Resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE

### Material Notes:

Pétromont HDPE 8001 is a high density, homopolymer polyethylene resin produced using the UNIPOL® Process. This high strength resin is intended for extrusion on cast line, where excellent processability and stretchability is required. It contains anti-oxidants, processing aids, and is gel free. This application includes woven fabrics for bags and tarpaulins.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Petromont-8001-High-Density-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_Petromont-8001-High-Density-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.961 g/cc	0.0347 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	0.60 g/10 min	0.60 g/10 min	I<sub>2</sub>; ASTM D1238
	45 g/10 min	45 g/10 min	I<sub>21</sub>; ASTM D238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ASTM D2240
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	128 °C	262 °F	ASTM D1525

Descriptive Properties	Value	Comments
Process	Extrusion	

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