

## Borealis BorPEX™ HE1878 High Density Polyethylene Powder for Crosslinked Pipes

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Pipe Grade

### Material Notes:

BorPEX HE1878 is a high molecular weight, high density polyethylene powder for crosslinkable pipes, specially designed for peroxide crosslinking. It is a special polymer, stabilized for transporting and storage. Crosslinking agent (e.g. peroxide) and necessary stabilizers have to be added. Crosslinked pipes based on BorPEX HE1878 are recommended for domestic hot and cold water supply, natural gas distribution, radiator connection, floor heating and industrial applications. Information provided by the Manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-BorPEX-HE1878-High-Density-Polyethylene-Powder-for-Crosslinked-Pipes.php](http://www.lookpolymers.com/polymer_Borealis-BorPEX-HE1878-High-Density-Polyethylene-Powder-for-Crosslinked-Pipes.php)

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in <sup>3</sup>	Base Resin; ISO 1183
High Load Melt Index	3.0 g/10 min @Load 21.6 kg, Temperature 190 °C	3.0 g/10 min @Load 47.6 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.00 MPa	3191 psi	At 50 mm/min; ISO 527-2
Elongation at Break	>= 600 %	>= 600 %	ISO 527-2

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