

Borealis BorPEX™ HE1878E High Density Polyethylene Powder for Crosslinked Pipes

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

Material Notes:

BorPEX HE1878E is a high molecular weight, high density polyethylene powder specially designed for production of peroxide crosslinked pipes (PEX pipes). Crosslinked (PEX) pipes based on BorPEX HE1878E and applicable additive packages are suitable for applications like plumbing and heating, domestic gas and water supply, district heating, relining, industrial, etc. Information provided by the Manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-BorPEX-HE1878E-High-Density-Polyethylene-Powder-for-Crosslinked-Pipes.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	Base Resin; ISO 1183
High Load Melt Index	10 g/10 min @Load 21.6 kg, Temperature 190 °C	10 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	ISO 527-2
Elongation at Break	>= 600 %	>= 600 %	ISO 527-2

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