

## Borealis BorPEX™ HE2595 Black High Density Polyethylene Compound for Crosslinked Pipes (Pex-C (Irradiation))

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

### Material Notes:

BorPEX HE2595 is a black, molecular weight, high density polyethylene compound for crosslinkable pipes, especially designed for electron beam irradiation crosslinking. The stabilization package is optimized for good processability, easy crosslinking as well as service at high temperatures. Well dispersed carbon black gives outstanding UV resistance. Crosslinked pipes based on BorPEX HE2595 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-HE2595-Black-High-Density-Polyethylene-Compound-for-Crosslinked-Pipes-Pex-C-Irradiation.php](http://www.lookpolymers.com/polymer_Borealis-BorPEX-HE2595-Black-High-Density-Polyethylene-Compound-for-Crosslinked-Pipes-Pex-C-Irradiation.php)

Physical Properties	Metric	English	Comments
Density	0.944 g/cc	0.0341 lb/in <sup>3</sup>	Base Resin; ISO 1183
	0.955 g/cc	0.0345 lb/in <sup>3</sup>	Compound; ISO 1183
Carbon Black Loading	2.2 %	2.2 %	ASTM D1603
High Load Melt Index	7.5 g/10 min @Load 21.6 kg, Temperature 190 °C	7.5 g/10 min @Load 47.6 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.00 MPa	2611 psi	At 50 mm/min; ISO 527-2
Elongation at Break	>= 600 %	>= 600 %	ISO 527-2

## Contact Songhan Plastic Technology Co.,Ltd.

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