

Borealis BorPEX™ HE2590 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 HE2590 is a high molecular weight, high density polyethylene compound for crosslinkable pipes, especially designed for electron beam irradiation crosslinking. The stabilization is optimized for good processability, easy crosslinking as well as service at high temperatures. Crosslinked pipes based on BorPEX HE2590 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-HE2590-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 ³	Base Resin; ISO 1183
	0.946 g/cc	0.0342 lb/in ³	Compound; ISO 1183
High Load Melt Index	8.5 g/10 min	8.5 g/10 min	ISO 1133
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

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

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