BorPEX™ HE1878E-C2

High Density (HMW) Polyethylene

Borealis AG

Message:

BorPEX HE1878E-C2 is a high molecular weight, high density polyethylene specially designed for production of crosslinked pipes (PE-X).
BorPEX HE1878E-C2 is intended to fulfill following standards and regulations, in case of appropriate industrial manufacturing standard procedures applied and a continuous quality system is implemented.
ASTM F 876
DIN 16892
EN ISO 15875
DIN 16893
BorPEX HE1878E-C2 Is a pelletized material in minipellet form for the PE-Xa, peroxide crosslinking process. The material is fully stabilized for the heating and plumbing application. Crosslinking agent (e.g. peroxide) has to be added by the pipe manufacturer. Good crosslink response and well-balanced pellet size distribution enable effective soaking and a stable pipe production.

General Information	
Additive	Unspecified Stabilizer
Features	Crosslinkable Good Stability High Molecular Weight
Uses	Industrial Applications Piping Plumbing Parts
Agency Ratings	ASTM F 876 DIN 16892 DIN 16893 ISO 15875
Forms	Pellets
Processing Method	Extrusion Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density [1]	0.951	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	10	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Thermal	**Nominal Value**	**Unit**	
Oxidation Induction Time [2] (210°C)	> 50	min	
NOTE			

1.	Compound
2.	EN 728

Recommended distributors for this material

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