BorPEX™ ME2592

Medium Density Polyethylene

Borealis AG

Message:

BorPEX ME2592 is a high molecular weight, medium density polyethylene specially designed for production of crosslinked pipes (PE-X).
The product is used for single as well as for multilayer pipes, where you then differentiate between plastic multilayer with integrated EVOH layer and aluminium multilayer pipes.
BorPEX ME2592 is intended to fulfill following standards and regulations, in case of appropriate industrial manufacturing standard procedures applied and a continuous quality system is implemented.
DIN 16894
DIN 16895

General Information	
Features	Radiation crosslinkable High molecular weight Workability, good Crosslinkable Heat resistance, high
Uses	Piping system
Agency Ratings	DIN 16892 DIN 16893
Forms	Particle
Processing Method	Pipeline extrusion molding Extrusion

Physical	Nominal Value	Unit	Test Method
Density [1]	0.936	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 Modulus	840	MPa	ISO 527-2/1
Tensile Stress (Yield)	16.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 600	%	ISO 527-2
Flexural Modulus [2]	680	MPa	ISO 178
Thermal	**Nominal Value**	**Unit**	**Test Method**
Oxidation Induction Time	> 40	min	EN 728
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	210 - 230	°C	
Extrusion instructions			
Tooling: 220°C			

NOTE	
1.	ISO 1872-2
2.	2.0 mm/min

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China