

Bormed™ LE6600-PH

Low Density Polyethylene

Borealis AG

Message:

Bormed LE6600-PH is a resin intended for evaluation for use in Healthcare applications.

Bormed LE6600-PH is an additive free low density polyethylene which is used to produce soft and flexible packages for pharmaceutical products. The material can be converted via blow moulding, including BFS technology, or IBM into small bottles or ampoules. However, material can as well be used in injection moulding and blown film process. The flexibility of the materials will facilitate the dosing of the medicine when used in ampoules and bottles.

Bormed LE6600-PH may be sterilized by steam, ethylene oxide or gamma radiation.

CAS-No.9002-88-4

General Information	
Features	Good Flexibility
	Recyclable Material
	Soft
Uses	Bottles
	Medical/Healthcare Applications
	Packaging
	Pharmaceuticals
Processing Method	Blow Molding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (50.0 mm)	250	MPa	ISO 527-2
Tensile Stress (Yield)	10.0	MPa	ISO 527-2/50
Flexural Modulus	250	MPa	ISO 178
Extrusion	Nominal Value	Unit	
Melt Temperature	165 to 200	°C	

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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

