

## Borealis Bormed™ LE6601-PH LDPE for Pharmaceutical Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade

### Material Notes:

Bormed LE6601-PH is a LD-polyethylene produced in a high-pressure process intended for blow molding of soft and flexible packages for pharmaceutical products. Bormed LE6601-PH can be used in "blow-fill and seal" machines for production of ampoules and bottles. The product can also be used for pharmaceutical products manufactured with other conversion techniques such as injection molding and film blowing. The product is not intended for heat sterilization. Information provided by the Manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-Bormed-LE6601-PH-LDPE-for-Pharmaceutical-Blow-Molding.php](http://www.lookpolymers.com/polymer_Borealis-Bormed-LE6601-PH-LDPE-for-Pharmaceutical-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.30 g/10 min @Load 5.00 kg, Temperature 190 °C	0.30 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	49	49	ISO 868
Tensile Strength, Yield	10.0 MPa	1450 psi	At 50 mm/min; ISO 527-2
Elongation at Break	700 %	700 %	At 5 mm/min; ISO 527-2
Flexural Modulus	0.240 GPa	34.8 ksi	At 2 mm/min; ISO 178

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 200 °C	320 - 392 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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