

Borealis Bormed™ LE6609-PH LDPE for Pharmaceutical Blow Molding

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

Material Notes:

Bormed LE6609-PH is a LD-polyethylene produced in a high-pressure process intended for blow molding of soft and flexible packages for pharmaceutical products. Bormed LE6609-PH can be used in "blow-fill and seal" machines for the 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. LE6609-PH will withstand heating up to 110°C and therefore units made from this product may be steam treated to max 110°C. Information provided by the Manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Bormed-LE6609-PH-LDPE-for-Pharmaceutical-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	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	53	53	ISO 868
Tensile Strength, Yield	14.0 MPa	2030 psi	50 mm/min; ISO 527-2
Tensile Modulus	0.400 GPa	58.0 ksi	At 1 mm/min; ISO 527-2

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	54.0 °C	129 °F	ISO 75-2

Processing Properties	Metric	English	Comments
Melt Temperature	165 - 200 °C	329 - 392 °F	

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