

Borealis Bormed™ LE6607-PH LDPE for Pharmaceutical Blow Molding

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

Material Notes:

Bormed LE6607-PH is a LD-polyethylene produced in a high pressure process intended for blow molding of soft and flexible packages for pharmaceutical products. Bormed LE6607-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. LE6607-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-LE6607-PH-LDPE-for-Pharmaceutical-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 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	52	52	ISO 868
Tensile Strength, Yield	12.0 MPa	1740 psi	At 50 mm/min; ISO 527-2
Elongation at Break	700 %	700 %	At 5 mm/min; ISO 527-2
Flexural Modulus	0.320 GPa	46.4 ksi	At 2 mm/min; ISO 178

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

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