

LyondellBasell Petrothene[®] LB832001 High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

ApplicationsPETROTHENE LB 8320-00 resin is designed for sheet extrusion, vacuum forming and thermoforming. This resin exhibits very low sag, high stiffness.**Regulatory Status**LB 8320-00 meets the requirements of Food and Drug Administration regulation, 21 CFR 177.1520. This regulation allows the use of this olefin polymer in "articles or components of articles intended for use in contact with food." Specific limitations or conditions of use may apply. Contact your Equistar sales representative for more information. **Processing Techniques**Specific recommendations for processing LB 8320-00 can only be made when the processing conditions, equipment and end use are known. For further suggestions, please contact your Equistar sales representative. This product is from the former Equistar product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Petrothene-LB832001-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in ³	ASTM D1505
Melt Flow	0.29 g/10 min	0.29 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength at Break	30.7 MPa	4450 psi	ASTM D638
Elongation at Break	960 %	960 %	ASTM D638
Flexural Modulus	1.48 GPa	215 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	131 Å°C	268 Å°F	ASTM D1525
Brittleness Temperature	<= -76.0 Å°C	<= -105 Å°F	F ₅₀ ; ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China