

LyondellBasell Petrothene® NA216000 Low Density Polyethylene

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

Material Notes:

ApplicationsPETROTHENE NA 216-000 is a general purpose, heavy and medium weight coating resin, capable of coating weights down to 7.0 lbs/ream at line speeds of 1200 ft/min. It can be applied to paper, foil, cellophane, polyester film, and other base stocks by the conventional extrusion coating process. Products made from materials coated with NA 216-000 include flexible packaging milk cartons, set-up cartons and food boards and other materials. **Regulatory Status**NA 216-000 meets requirements of the Food and Drug Administration regulations 21 CFR 177.1520 and 21 CFR 176.170. These regulations (respectively) allow for the use of the olefin polymer in "articles or components of articles intended for use in contact with food; "or as components of the uncoated or coated food-contact surface of paper and paperboard intended for use in producing, manufacturing, packaging, processing, preparing, treating, packing, transporting or holding aqueous and fatty food." Specific limitations or conditions of use may apply. Contact your Equistar sales representative for more information. **Processing Techniques**The maximum recommended melt temperature for NA 216-000 is 625°F. For further suggestions, contact your Equistar sales representative.**Physical Properties**These are typical values and not to be construed as specific product limits.This product is from the former Equistar product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Petrothene-NA216000-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ASTM D1505
Melt Flow	3.7 g/10 min	3.7 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	ASTM D2240
Tensile Strength at Break	12.1 MPa	1750 psi	Type IV specimen; ASTM D638
Elongation at Break	550 %	550 %	Type IV specimen; ASTM D638
Flexural Stiffness	276 MPa	40000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C	198 °F	ASTM D1525

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