

LyondellBasell Petrothene® NA324009 Low Density Polyethylene (Film Grade)

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

Material Notes:

ApplicationsPETROTHENE NA 324 is a series of homopolymer resins specifically designed for overwrap packaging. NA 324 provides excellent optical properties and good stiffness for improved machineability. **Regulatory Status**NA 324 meets the requirements of the 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 NA 324 can only be made when the processing conditions, equipment and end use are known. 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-NA324009-Low-Density-Polyethylene-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in ³	ASTM D1505
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	540 %	540 %	ASTM D882
Dart Drop Test	80.0 g	0.176 lb	F ₅₀ ; ASTM D1709
Film Tensile Strength at Break, MD	21.4 MPa	3100 psi	ASTM D882
Film Tensile Strength at Break, TD	16.5 MPa	2400 psi	ASTM D882
1% Secant Modulus, MD	262 MPa	38000 psi	ASTM D882
1% Secant Modulus, TD	276 MPa	40000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.4 %	4.4 %	ASTM D1003
Gloss	77 %	77 %	at 45°; ASTM D2457

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