

NOVA Chemicals Novapol® LF-0224-A LDPE (discontinued **)

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

Material Notes:

Puncture value is 43.2 J/mm. LDPE. Excellent stiffness, moderate toughness, easy processability. Additive Package: Base

Resin.Applications: Industrial packaging, liners, blends with LLDPE, foam articles.Film properties are typical of 38 µm blown film extruded at a blow-up ratio of 2.5:1, but depend on operating conditions.Information supplied by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-LF-0224-A-LDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D792
Thickness	38.1 microns	1.50 mil	
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 190 °C	2.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.2 MPa	1620 psi	ASTM D882
Film Tensile Strength at Yield, TD	12.0 MPa	1740 psi	ASTM D882
Film Elongation at Break, MD	186 %	186 %	ASTM D882
Film Elongation at Break, TD	513 %	513 %	ASTM D882
Secant Modulus, MD	0.193 GPa	28.0 ksi	ASTM D882
Secant Modulus, TD	0.258 GPa	37.4 ksi	ASTM D882
Coefficient of Friction	>= 0.60	>= 0.60	ASTM D1894
Elmendorf Tear Strength, MD	10.5 g/micron	267 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	3.90 g/micron	99.1 g/mil	ASTM D1922
Dart Drop	2.40 g/micron	61.0 g/mil	F₅₀; ASTM D 1709/A
Film Tensile Strength at Break, MD	27.2 MPa	3950 psi	ASTM D882
Film Tensile Strength at Break, TD	17.8 MPa	2580 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	9.9 %	9.9 %	ASTM D1003

Gloss	49.3 %	49.3 %	at 45° ASTM D 2457
Optical Properties	Metric	English	Comments

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