

NOVA Chemicals Novapol® LF-0225-B LDPE Clarity Film Resin (discontinued **)

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

Material Notes:

Features: High optical clarity
Excellent processability
Applications: Produce and bakery film
Liners
Textile packaging film
General packaging requiring high clarity film
Information provided by Nova Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-LF-0225-B-LDPE-Clarity-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D792
Thickness	38.0 microns	1.50 mil	
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 190 °C	2.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.0 MPa	1600 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.65 MPa	1400 psi	ASTM D882
Film Elongation at Yield, MD	330 %	330 %	ASTM D882
Film Elongation at Yield, TD	520 %	520 %	ASTM D882
Coefficient of Friction	<= 0.15	<= 0.15	ASTM D1894
Elmendorf Tear Strength MD	228 g	228 g	ASTM D1922
Elmendorf Tear Strength TD	264 g	264 g	ASTM D1922
Dart Drop Test	120 g	0.265 lb	F₅₀; ASTM D1709/A
Film Tensile Strength at Break, MD	20.99 MPa	3045 psi	ASTM D882
Film Tensile Strength at Break, TD	15.00 MPa	2175 psi	ASTM D882
1% Secant Modulus, MD	215 MPa	31200 psi	ASTM D882
1% Secant Modulus, TD	220 MPa	31900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D1003

<small>Gloss</small> Optical Properties	<small>70 %</small> Metric	<small>70 %</small> English	<small>at 45°: ASTM D2457</small> Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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