

NOVA Chemicals Novapol® TF-0219-E Hexene LLDPE Film Resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE)/Hexene, Film Grade

Material Notes:

Exceptional toughens, Low gel levelApplications: Cast stretch wrapAdditives: High temperature A/OFilm properties are typical of cast film extruded at a melt temperature of 540°F, and a line speed of 1220 ft/min.Information provided by NOVA Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-TF-0219-E-Hexene-LLDPE-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D792
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.00 MPa	1160 psi	ASTM D882
Film Tensile Strength at Yield, TD	8.00 MPa	1160 psi	ASTM D882
Film Elongation at Break, MD	550 %	550 %	ASTM D882
Film Elongation at Break, TD	840 %	840 %	ASTM D882
Secant Modulus, MD	0.140 GPa	20.3 ksi	at 1%; ASTM D882
Secant Modulus, TD	0.150 GPa	21.8 ksi	at 1%; ASTM D882
Impact	185	185	J/mm; NOVA Chemicals Puncture test
Elmendorf Tear Strength, MD	16.0 g/micron	406 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	30.0 g/micron	762 g/mil	ASTM D1922
Dart Drop	8.00 g/micron	203 g/mil	F₅₀, ASTM D1709/A
Film Tensile Strength at Break, MD	45.0 MPa	6530 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003
Gloss	90 %	90 %	at 45°; 1 mil; 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