

ExxonMobil Exceed™ 350D65 LDPE/Hexene Tough Premium Liner Film Resin, 3.1 mil Film (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A hexene copolymer produced using Exxon Chemical's EXXPOL® technology. Films made from EXCEED 350D65 resin have outstanding tensile, impact strength and puncture. Applications: Trash bags; Liners; General packaging. Data for film properties below based on 3.1 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-350D65-LDPEHexene-Tough-Premium-Liner-Film-Resin-31-mil-Film-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|--------------|
| Density | 0.917 g/cc | 0.0331 lb/in ³ | Exxon Method |
| Thickness | 78.7 microns | 3.10 mil | |
| Melt Flow | 1.0 g/10 min | 1.0 g/10 min | Exxon Method |

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|---------------|-----------|------------------|
| Film Tensile Strength at Yield, MD | 9.00 MPa | 1310 psi | ASTM D882 |
| Film Tensile Strength at Yield, TD | 9.20 MPa | 1330 psi | ASTM D882 |
| Film Elongation at Break, MD | 620 % | 620 % | ASTM D882 |
| Film Elongation at Break, TD | 630 % | 630 % | ASTM D882 |
| Secant Modulus, MD | 0.216 GPa | 31.3 ksi | ASTM D882 |
| Secant Modulus, TD | 0.245 GPa | 35.5 ksi | ASTM D882 |
| Coefficient of Friction | 0.12 | 0.12 | ASTM D1894 |
| Elmendorf Tear Strength MD | 1070 g | 1070 g | ASTM D1922 |
| Elmendorf Tear Strength TD | 1220 g | 1220 g | ASTM D1922 |
| Elmendorf Tear Strength, MD | 13.6 g/micron | 345 g/mil | ASTM D1922 |
| Elmendorf Tear Strength, TD | 15.5 g/micron | 394 g/mil | ASTM D1922 |
| Dart Drop | 18.7 g/micron | 474 g/mil | F50; ASTM D1709 |
| Dart Drop Test | 1470 g | 3.24 lb | F50; ASTM D-1709 |
| Film Tensile Strength at Break, MD | 54.0 MPa | 7830 psi | ASTM D882 |
| Film Tensile Strength at Break, TD | 53.0 MPa | 7690 psi | ASTM D882 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|--------------|
| Thermal Properties | Metric | English | Comments |
| Melting Point | 118 °C | 244 °F | Exxon Method |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|------------------|
| Haze | 13.6 % | 13.6 % | ASTM D1003 |
| Gloss | 59 % | 59 % | 45°, ASTM D-2457 |

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