

## ExxonMobil EXACT™ 3024 Plastomer for Cast Film Applications

Category : Polymer , Film , Thermoplastic , Elastomer , TPE

### Material Notes:

**Product Description:** Exact 3024 is an ethylene-based butene plastomer produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. It can be used for both monolayer and multilayer coextruded cast film applications requiring excellent heat sealing performance. Typical applications include food packaging seal layers and lamination films. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: NoThermal Stabilizer: Yes **Applications:** Cast Film **Information provided by ExxonMobil Chemical**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-EXACT-3024-Plastomer-for-Cast-Film-Applications.php](http://www.lookpolymers.com/polymer_ExxonMobil-EXACT-3024-Plastomer-for-Cast-Film-Applications.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ExxonMobil Method
Thickness	25.4 microns	1.00 mil	
Melt Flow	4.5 g/10 min	4.5 g/10 min	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	5.72 MPa	830 psi	2% Offset; ASTM D882
Film Tensile Strength at Yield, TD	4.96 MPa	720 psi	2% Offset; ASTM D882
Film Elongation at Break, MD	560 %	560 %	ASTM D882
Film Elongation at Break, TD	780 %	780 %	ASTM D882
Film Elongation at Yield, MD	9.0 %	9.0 %	ASTM D882
Film Elongation at Yield, TD	7.2 %	7.2 %	ASTM D882
Puncture Energy	4.58 J	3.37 ft-lb	ExxonMobil Method
Elmendorf Tear Strength, MD	1.97 g/micron	50.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	5.91 g/micron	150 g/mil	ASTM D1922
Dart Drop	5.51 g/micron	140 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	47.5 MPa	6890 psi	ASTM D882
Film Tensile Strength at Break, TD	31.6 MPa	4590 psi	ASTM D882
1% Secant Modulus, MD	85.5 MPa	12400 psi	ASTM D882
1% Secant Modulus, TD	97.2 MPa	14100 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	97.2 °C	207 °F	Peak Melting Temperature; ExxonMobil Method
Crystallization Temperature	82.0 °C	180 °F	ExxonMobil Method
Vicat Softening Point	87.2 °C	189 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	0.80 %	0.80 %	ASTM D1003
Gloss	93 %	93 %	ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China