

## ExxonMobil Vistamaxx™ 3980FL Propylene-based Elastomer - High Purity, Low Gel

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO), Film Grade

### Material Notes:

**Product Description:** Vistamaxx 3980FL propylene-based elastomer is an olefinic elastomer primarily composed of isotactic propylene repeat units with random ethylene distribution. It is produced using ExxonMobil Chemical's EXXPOL™ Catalyst Technology. The "FL" designates this is a high purity grade with very low gel content, making it suitable for premium and performance film and molding applications.  
**Key Features:** Suitable for a wide range of cast and blown film, molding and various polymer modification and compounding applications. Can be blended with PP, PE and other polyolefins for softening, stress-whitening and impact improvement. Excellent adhesion to conventional and metallocene PP and PE for exceptional extrusion coating, lamination and tie-layer performance. Very low seal initiation temperature combined with high seal strength when used as a sealing layer of co-extruded structures. Good optical properties. Good chemical resistance to aqueous systems and non-hydrocarbon based fluids. May be used in food contact applications (with some restrictions). EU and China RoHS compliant.  
**Applications:** Blown Film, Polymer Modification, Compounding, Cast Film, Molding  
**Uses:** Compounding, Film, Packaging  
**Availability:** Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America  
 Information provided by ExxonMobil Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Vistamaxx-3980FL-Propylene-based-Elastomer-High-Purity-Low-Gel.php](http://www.lookpolymers.com/polymer_ExxonMobil-Vistamaxx-3980FL-Propylene-based-Elastomer-High-Purity-Low-Gel.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.878 g/cc	0.878 g/cc	ASTM D1505
Melt Flow	8.0 g/10 min	8.0 g/10 min	melt flow rate; ExxonMobil Method
	3.7 g/10 min	3.7 g/10 min	
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	ASTM D2240
	@Time 54000 sec	@Time 15.0 hour	
Tensile Stress	5.60 MPa	812 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	5.70 MPa	827 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Yield	30 %	30 %	ASTM D412
Flexural Modulus, 1% Secant	110 MPa	16000 psi	ASTM D790

Mechanical Properties	Metric	English	Comments
Tensile Set	85 %	85 %	ASTM D412

Thermal Properties	Metric	English	Comments
Vicat Softening Point	76.5 °C	170 °F	ASTM D1525

Descriptive Properties	Value	Comments
Ethylene Content	9 wt%	ExxonMobil Method

## 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