

## ExxonMobil Vistamaxx™ 3000 Propylene-based Elastomer

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

### Material Notes:

**Product Description:** Vistamaxx 3000 propylene-based elastomer is an olefinic elastomer produced using ExxonMobil Chemical's EXXPOL™ Technology. It has moderate elastomeric properties, is easy to process and is compatible with a wide variety of hydrocarbon based polymers. It is available as free flowing pellets.  
**Key Features:** Suitable for a wide range of blown and cast film applications, extrusion coating and lamination applications. Excellent adhesion to conventional or metallocene PP and PE. Very good elasticity, toughness and clarity. Very low seal initiation temperature combined with high seal strength when used as sealing layer of co-extruded structures. Very good chemical resistance and long term aging. EU and China RoHS compliant.  
**Applications:** Blown Film, Cast Film, Injection Molding, Calendered Sheeting, Extruded Sheeting, PP/TPO Modification  
**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-3000-Propylene-based-Elastomer.php](http://www.lookpolymers.com/polymer_ExxonMobil-Vistamaxx-3000-Propylene-based-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.873 g/cc	0.873 g/cc	ASTM D1505
Melt Flow	8.0 g/10 min	8.0 g/10 min	melt flow rate data; ExxonMobil Method
	3.6 g/10 min @Load 2.16 kg, Temperature 190 °C	3.6 g/10 min @Load 4.76 lb, Temperature 374 °F	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	33	33	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Stress	4.50 MPa	653 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	4.60 MPa	667 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	4.90 MPa	711 psi	ASTM D412
Elongation at Yield	48 %	48 %	ASTM D412
Flexural Modulus, 1% Secant	59.3 MPa	8600 psi	ASTM D790
Tear Strength	62.4 kN/m	356 pli	Die C; ASTM D624
Tensile Set	54 %	54 %	ASTM D412

Thermal Properties	Metric	English	Comments
Vicat Softening Point	65.5 °C	150 °F	ASTM D1525

Descriptive Properties	Value	Comments
Ethylene Content	11.0 wt%	ASTM D3900

## Contact Songhan Plastic Technology Co.,Ltd.

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