

## ExxonMobil Vistamaxx™ 6102 Propylene-based Elastomer

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

### Material Notes:

**Product Description:** Vistamaxx 6102 propylene-based elastomer is an olefinic elastomer produced using ExxonMobil Chemical's EXXPOL™ Catalyst Technology. It has excellent elastomeric properties, is easy to process and is compatible with a wide variety of materials. It is particularly good for thermoplastic and polyolefinic blends where a balance of flexibility, transparency and impact performance is required. **Key Features:** Suitable for a wide range of blown and cast film applications. Other typical applications include calendered or extruded profiles, foamed or blown molded goods and nonwovens. Excellent adhesion to conventional or metallocene PP and PE. Very good elasticity and toughness. 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. Particularly good for thermoplastic and polyolefinic blends where a balance of flexibility, transparency and impact performance is required. EU and China RoHS compliant. **Applications:** Blown Film Cast Film PP/TPE Modification Blown Molded Goods Extruded profiles Calendered Profiles Foamed Goods **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-6102-Propylene-based-Elastomer.php](http://www.lookpolymers.com/polymer_ExxonMobil-Vistamaxx-6102-Propylene-based-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.862 g/cc	0.862 g/cc	ASTM D1505
Melt Flow	3.0 g/10 min	3.0 g/10 min	melt flow rate; ExxonMobil Method
	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Stress	1.90 MPa	276 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Flexural Modulus, 1% Secant	2.20 MPa	319 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tear Strength	34.4 kN/m	196 pli	Die C; ASTM D624
Tensile Set	18 %	18 %	ASTM D412

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
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Descriptive Properties	Value	Comments
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Ethylene Content	16.0 wt%	ExxonMobil Method
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## Contact Songhan Plastic Technology Co.,Ltd.

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