ExxonMobil Signature Polymers

Vistamaxx™ Tough T1600

Propylene Elastomer

Key Features

- Suitable for wide range of film, extruded profiles, and compounding applications.
- Excellent melt strength and very good elasticity and toughness.
- Excellent adhesion to conventional or metallocene PP and PE.
- Very good chemical resistance and long-term aging.
- RoHS compliant.
- Can be blended with PE, PP, and other polymers, including styrenic block copolymers.

General			
Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Applications	▪ Blown Film ▪ Compounding	▪ Extruded Profiles ▪ Other Films & Sheets	▪ Polymer Modification
Uses	▪ Compounding	▪ Film	▪ Packaging
RoHS Compliance	▪ RoHS Compliant		
Form(s)	▪ Pellets		
Revision Date	▪ 03/13/2026		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Density [2] (73°F (23°C))	0.860	g/cm³	0.860	g/cm³	ExxonMobil Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.70	g/10 min	0.70	g/10 min	ExxonMobil Method

Hardness	Typical Value (English)		Typical Value (SI)		Test Based On
Durometer Hardness (Shore A)	67		67		ExxonMobil Method

Mechanical	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Stress at 100%	290	psi	2.0	MPa	ExxonMobil Method
Tensile Stress at 300%	390	psi	2.7	MPa	ExxonMobil Method
Tensile Strength at Break	1900	psi	13	MPa	ExxonMobil Method
Elongation at Break	870	%	870	%	ExxonMobil Method
Flexural Modulus - 1% Secant	2300	psi	16	MPa	ExxonMobil Method

Elastomers	Typical Value (English)		Typical Value (SI)		Test Based On
Tear Strength (Die C)	190	lbf/in	33.3	kN/m	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	132	°F	55.4	°C	ExxonMobil Method

Additional Information

Please contact Customer Service for food law compliance information.

Legal Statement

ExxonMobil

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Processing Statement

Vistamaxx polymers have a wide temperature processing window. A good starting point for temperatures is 10°C above the highest melting point. This material does not require drying and can be compounded or used in a dry blend. Use conventional processing knowledge to ensure mixing of the materials.

Notes

Typical properties: these are not to be construed as specifications.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

[2] Property specified in conventional unit of measure.

For additional technical, sales and order assistance: Contact Us

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