

# 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 <sup>1</sup>	<ul style="list-style-type: none"> <li>▪ Africa &amp; Middle East</li> <li>▪ Asia Pacific</li> </ul>	<ul style="list-style-type: none"> <li>▪ Europe</li> <li>▪ Latin America</li> </ul>	<ul style="list-style-type: none"> <li>▪ North America</li> </ul>
Applications	<ul style="list-style-type: none"> <li>▪ Blown Film</li> <li>▪ Compounding</li> </ul>	<ul style="list-style-type: none"> <li>▪ Extruded Profiles</li> <li>▪ Other Films &amp; Sheets</li> </ul>	<ul style="list-style-type: none"> <li>▪ Polymer Modification</li> </ul>
Uses	<ul style="list-style-type: none"> <li>▪ Compounding</li> </ul>	<ul style="list-style-type: none"> <li>▪ Film</li> </ul>	<ul style="list-style-type: none"> <li>▪ Packaging</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>▪ RoHS Compliant</li> </ul>		
Form(s)	<ul style="list-style-type: none"> <li>▪ Pellets</li> </ul>		
Revision Date	<ul style="list-style-type: none"> <li>▪ 03/13/2026</li> </ul>		

### Physical

	Typical Value (English)	Typical Value (SI)	Test Based On
Density <sup>2</sup> (73°F (23°C))	0.860 g/cm <sup>3</sup>	0.860 g/cm <sup>3</sup>	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

This product, including the product name, shall not be used or tested in any medical application without prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

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### Propylene Elastomer

#### 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.

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

<sup>2</sup> Property specified in conventional unit of measure.

#### For additional technical, sales and order assistance: [Contact Us](#)

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