

# Vistamaxx™ Performance Polymer 7020BF

## Propylene Elastomer

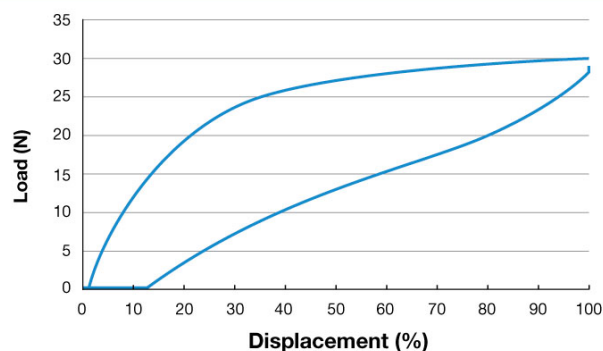
### Product Description

Vistamaxx 7020BF is a semi-crystalline copolymer of propylene and ethylene produced using ExxonMobil's proprietary metallocene catalyst technology. It has excellent elastomeric properties, is easy to process, and is compatible with a wide variety of materials.

### Key Features

- Improved color stability in polypropylene blends for nonwoven fabrics.
- Excellent adhesion to conventional or metallocene PP and PE.
- Very good elasticity and toughness.
- Particularly good for thermoplastic and polyolefinic blends where a balance of flexibility, transparency and impact performance is required.

### First Cycle Hysteresis



### 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>▪ Nonwovens</li> </ul>	<ul style="list-style-type: none"> <li>▪ PP Modifications</li> </ul>	
Uses	<ul style="list-style-type: none"> <li>▪ Compounding</li> <li>▪ Hygiene</li> </ul>	<ul style="list-style-type: none"> <li>▪ Nonwovens</li> <li>▪ Personal Care</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>▪ 07/14/2020</li> </ul>		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density <sup>2</sup>	0.863 g/cm <sup>3</sup>	0.863 g/cm <sup>3</sup>	ExxonMobil Method
Melt Index <sup>2</sup> (190°C/2.16 kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) <sup>2</sup> (230°C/2.16 kg)	20 g/10 min	20 g/10 min	ExxonMobil Method
Ethylene Content	15 wt%	15 wt%	ExxonMobil Method

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100%	280 psi	2.0 MPa	ExxonMobil Method
Tensile Stress at 300%	410 psi	2.9 MPa	ExxonMobil Method
Tensile Strength at Break	> 800 psi	> 5.5 MPa	ExxonMobil Method
Elongation at Break	> 800 %	> 800 %	ExxonMobil Method
Flexural Modulus - 1% Secant	2000 psi	14 MPa	ExxonMobil Method

Elastomers	Typical Value (English)	Typical Value (SI)	Test Based On
Tear Strength (Die C)	176 lbf/in	30.9 kN/m	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	116 °F	46.5 °C	ExxonMobil Method

## Vistamaxx™ Performance Polymer 7020BF

### Propylene Elastomer

#### 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 the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

#### 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. Due to the low level of antioxidant, it is advised that the material be stored and consumed as recommended.

#### 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: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

©2024 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

[exxonmobilchemical.com](http://exxonmobilchemical.com)