

Vistamaxx™ 3588FL

Performance Polymer

Product Description

Vistamaxx 3588FL is primarily composed of isotactic propylene repeat units with random ethylene distribution, and is produced using ExxonMobil's proprietary metallocene catalyst technology. The 'FL' designates this product passes ExxonMobil's test for film appearance with regard to gels, as needed for performance film applications ('A' rating).

Key Features

- Pure sealant layer of co-extruded structures in BOPP and cast PP film applications for low seal initiation temperature, high seal strength and enhanced seal integrity.
- RoHS compliant.

General

Availability ¹	<ul style="list-style-type: none"> • Africa & Middle East • Asia Pacific 	<ul style="list-style-type: none"> • Europe • Latin America 	<ul style="list-style-type: none"> • North America
Applications	<ul style="list-style-type: none"> • Cast Film 		
Uses	<ul style="list-style-type: none"> • Film 	<ul style="list-style-type: none"> • Packaging 	
RoHS Compliance	<ul style="list-style-type: none"> • RoHS Compliant 		
Form(s)	<ul style="list-style-type: none"> • Pellets 		
Revision Date	<ul style="list-style-type: none"> • 01/01/2017 		

Physical

	Typical Value (English)	Typical Value (SI)	Test Based On
Density ²	0.889 g/cm ³	0.889 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ² (230°C/2.16 kg)	8 g/10 min	8 g/10 min	ExxonMobil Method
Ethylene Content	4 wt%	4 wt%	ExxonMobil Method

Hardness

	Typical Value (English)	Typical Value (SI)	Test Based On
Durometer Hardness (Shore D)	50	50	ASTM D2240

Mechanical

	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100%	1640 psi	11.3 MPa	ASTM D638
Tensile Stress at 300%	1720 psi	11.8 MPa	ASTM D638
Tensile Strength at Yield	2360 psi	16.3 MPa	ASTM D638
Tensile Strength at Break	3770 psi	26.0 MPa	ASTM D638
Elongation at Yield	15 %	15 %	ASTM D638
Elongation at Break	637 %	637 %	ASTM D638
Flexural Modulus - 1% Secant	58400 psi	402 MPa	ASTM D790

Elastomers

	Typical Value (English)	Typical Value (SI)	Test Based On
Tear Strength (Die C)	724 lbf/in	127 kN/m	ASTM D624

Thermal

	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	217 °F	103 °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 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.



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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: www.exxonmobilchemical.com/ContactUs

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