

Performance Polymer

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).

- 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.

Applications	▪ Cast Film
Uses	▪ Film ▪ Packaging
RoHS Compliance	▪ RoHS Compliant
Form(s)	▪ Pellets

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

