ExxonMobil Signature Polymers

Vistamaxx™ Performance Polymer 130

Propylene Elastomer

Product Description

Vistamaxx™ 130 performance polymer is primarily composed of isotactic propylene repeat units with random ethylene distribution, and is produced using ExxonMobil's proprietary metallocene catalyst technology. It has very low viscosity that enables its use in hot melt adhesives (HMAs) and as a process aid or viscosity modifier in extrusion and injection molding applications providing enhanced flow characteristics that can lead to efficiency and cycle time improvements. It is available in pellet form.

Key Features

- Low density
- Very low viscosity
- Low odor and low color
- Non-corrosive

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Applications	▪ Hot Melt Adhesives	▪ Polymer Modification	
Uses	▪ Adhesives	▪ Compounding	
Form(s)	▪ Pellets		
Processing Method	▪ Compounding	▪ Extrusion	▪ Injection Molding
Revision Date	▪ 11/02/2020		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Density [2]	0.870	g/cm³	0.870	g/cm³	ExxonMobil Method
Ethylene Content	10	wt%	10	wt%	ExxonMobil Method
Viscosity @ 374°F (190°C) [2]	4380	cP	4380	mPa·s	ExxonMobil Method

Hardness	Typical Value (English)		Typical Value (SI)		Test Based On
Durometer Hardness (Shore C)	21		21		ExxonMobil Method

Mechanical	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	580	psi	4.0	MPa	ExxonMobil Method
Tensile Stress at 100%	280	psi	1.9	MPa	ExxonMobil Method
Elongation at Break	1006	%	1006	%	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Melting Temperature	196	°F	91	°C	ExxonMobil Method
Glass Transition, Tg	-20	°F	-29	°C	ExxonMobil Method

Additional Information

It is the responsibility of the user to ensure that the composition containing our product meets the limitations of relevant regulations. Please contact Customer Service for the official food law certificates which provide more detailed information.

ExxonMobil Test Methods, some of which were developed from ASTM test methods, are available upon request.

For handling and safety information, consult the appropriate Safety Data Sheet.

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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.

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: www.exxonmobilchemical.com/ContactUs

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