



Vistamaxx™ 8880

Performance Polymer

Product Description	Key Features
Vistamaxx 8880 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.	<ol style="list-style-type: none"> 1. Low density 2. Very low viscosity 3. Low odor and low color 4. 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

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density ²	0.879 g/cm ³	0.879 g/cm ³	ExxonMobil Method
Ethylene Content	6 wt%	6 wt%	ExxonMobil Method
Viscosity @ 374 °F (190 °C) ²	1200 cP	1200 mPa·s	ExxonMobil Method

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Durometer Hardness (Shore C)	53	53	ASTM D2240

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	900 psi	6.2 MPa	ExxonMobil Method
Tensile Strength at 100%	580 psi	4.0 MPa	ExxonMobil Method
Elongation at Break	1237 %	1237 %	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Melting Temperature	206 °F	97 °C	ExxonMobil Method
Glass Transition, Tg	-7 °F	-22 °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.

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.
¹Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.
²Property specified in conventional unit of measure.

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