ExxonMobil

Exxelor™ VA 1202

Polymer Resin

Product Description

Exxelor VA 1202 polymer resin is a low viscosity ethylene copolymer functionalized with maleic anhydride by reactive extrusion. Its fully saturated backbone results in outstanding thermal and oxidative stability, leading to good weatherability.

This grade is designed for:

- Super-tough nylon applications without low temperature impact requirements.
- Medium / low toughness applications.
- Glass-filled impact modified applications.

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Revision Date	▪ 12/20/2012		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.900	g/cm³	0.900	g/cm³	ExxonMobil Method
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	17	g/10 min	17	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	17	g/10 min	17	g/10 min	ISO 1133
Maleic Anhydride Graft Level [2]	High		High		FTIR EPK-04 QT-02
Volatiles	< 0.15	%	< 0.15	%	AM-S 350.03

Optical	Typical Value (English)		Typical Value (SI)		Test Based On
Yellowness Index	< 20	YI	< 20	YI	ASTM E313

Additional Information

Storage and Handling: Comprehensive material safety data sheets are provided to recommend safe practices during usage. For easy handling and storage, this grade is supplied as free-flowing pellets normally packed in 25 kg bags (50 bags per pallet), 450 kg octabins or 1 ton supersacks.

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.

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Processing Statement

Exxelor VA 1202 resin can be added to polyamide to achieve optimum dispersion within the polymer matrix (average particle size below 1 micron) in order to obtain the best performance. Compounding parameters that can lead to optimized performance include extruder type, screw design, barrel temperature, screw speed, throughput and residence time. Our experienced technical service engineers and chemists are always on hand to help you in achieving the best performance from your processing and compounding operations.

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] MA level is typically in the range of 0.5 to 1.0 wt%.

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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