Vistalon™ 5702

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon™ 5702 EPDM rubber features high polymer Mooney viscosity without oil extension and high crystallinity, yielding expanded cost-performance optimization in a variety of applications including dense weatherseals, hoses, and mechanical goods. It provides the optimal balance between formulation cost, processability, cure rate and state, and physical and set performance. As a blend partner with other EPDM rubber grades, it can enhance green strength and physical performance ofyour compounds.

Key Features

Designed for:
-Fast incorporation and dispersion of fillers and oil
-Smooth surface aspect
-High green strength for extrusion and processing
-Tailored ENB content for fast cure onset and high cure rate

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Form(s)	▪ Pellets		
Revision Date	▪ 01/25/2024		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Mooney Viscosity [2] (ML 1+4, 257°F (125°C))	90	MU	90	MU	ASTM D1646 (mod)
Ethylene Content [3]	71.0	wt%	71.0	wt%	ASTM D3900A
Ethylidene Norbornene (ENB) Content	5.5	wt%	5.5	wt%	ASTM D6047(mod)

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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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] Radial cavity dies, polymer remassed at 145+/- 10°C.

[3] Ethylene and VNB measured on reactor samples before oil injection. Product testing (if necessary) will use MEK extraction technique. Ethylene bias is 0.4 wt% and is subtracted from extracted product results, then compared to reactor spec of 59.0-65.0. No bias exists for VNB. Extracted product results are compared to reactors spec of 0.55-0.85.

For additional technical, sales and order assistance: Contact Us

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