Vistalon™ 2502

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon™ 2502 EPDM rubber is a low Mooney polymer with low ethylene and medium diene content. It has broad molecular weight distribution forexcellent compounding processability, even without the addition of plasticizer. It is applicable for brake parts, precision seals, gaskets ,molded foam sheets, electrical connectors, hose mandrels and other molded articles. It may also be used as a polymeric plasticizer in blends with other high viscosity polymers. The product is manufactured as pellets which fuse (agglomerate) during storage and transportation.

Key Features

Designed for:

-Excellent processability resulting in shorter mixing and molding times

-Good low temperature performance, including flexibility and compression set

-Fast cure rate and high cure state

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Form(s)	▪ Fused 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))	25 MU	25 MU	ASTM D1646 (mod)
Ethylene Content [3]	50.0 wt%	50.0 wt%	ASTM D3900A
Ethylidene Norbornene (ENB) Content	4.5 wt%	4.5 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: www.exxonmobilchemical.com/ContactUs

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