

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 of your 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 | <ul style="list-style-type: none"> ▪ Africa & Middle East ▪ Asia Pacific | <ul style="list-style-type: none"> ▪ Europe ▪ Latin America | <ul style="list-style-type: none"> ▪ North America |
| Form(s) | <ul style="list-style-type: none"> ▪ Pellets | | |
| Revision Date | <ul style="list-style-type: none"> ▪ 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.

For detailed Product Stewardship information, please contact Customer Service.

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

©2025 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.