Vistalon™ 1696

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon™ 1696 EPDM Rubber is an oil extended terpolymer grade with a very high molecular weight, low diene content, medium ethylene content, and a broad molecular weight distribution. This product is sold in dense bale form.

Key Features

Major applications include TPVs, low hardness articles, appliance gaskets, shock absorbers, resilient profiles, and hoses with excellent compression set. This grade can be used in blends with other Vistalon EPDM grades to enhance elastic properties or filler loadability. Features include high elasticty and collapse resistance, as well as excellent low temperature properties.

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Form(s)	▪ Bale		
Revision Date	▪ 02/03/2025		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Oil Content	100	phr	100	phr	ExxonMobil Method
Mooney Viscosity [2] (ML 1+4, 257°F (125°C))	52	MU	52	MU	ASTM D1646 (mod)
Ethylene Content [3]	62.0	wt%	62.0	wt%	ASTM D3900A
Vinyl Norbornene (VNB) Content	0.7	wt%	0.7	wt%	ExxonMobil Method

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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