

Product Datasheet



Vistalon™ 7001

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon™ 7001 EPDM rubber is a medium Mooney viscosity, high ethylene, medium diene content, crystalline terpolymer with a medium molecular weight distribution and is produced using ExxonMobil Chemical's EXXPOL™ Technology for precise control of molecular composition and architecture. This product is sold in pellet form.

Key Features

Major applications include molded mechanical goods, hoses and extruded profiles, especially those requiring high green strength and fast extrusion speed. It can be used in blends with amorphous grades to enhance green strength and physical properties. Features include excellent mixing, mill handling and extrusion performance, with high physical properties. Although not NSF certified, this product has a NSF Material Supplier Form (DCC IN15655) to facilitate its evaluation for use in applications requiring NSF certification.

General

Availability ¹	- Africa & Middle East - Asia Pacific	- Europe - Latin America	North America
Form(s)	Pellets		
Revision Date	10/04/2021		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Mooney Viscosity ² (ML 1+4, 257°F (125°C))	60 MU	60 MU	ASTM D1646 (mod)
Ethylene Content	73.0 wt%	73.0 wt%	ASTM D3900B
Ethylidene Norbornene (ENB) Content	5.0 wt%	5.0 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.

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

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