

Sales Specification

Vistalon™ 8731

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon 8731 EPDM rubber is a polymer with a broad molecular weight distribution, moderate branching and a low diene content. It is used for medium and low voltage electrical compounds. The branched architecture provides easy processing and smooth extrusions, and the low diene content gives excellent heat aging properties.

Physical	Target	Minimum	Maximum	Unit	Test Based On
MLRA ¹	170	70	270	MU-sec	ASTM D1646 (mod)
Antioxidant content, non staining	0.09	0.05	0.13	wt%	ExxonMobil Method
Vanadium	--	--	25	wtppm	ExxonMobil Method
Mooney Viscosity ² (ML 1+4, 125°C)	24	20	28	MU	ASTM D1646 (mod)
Volatiles ³	--	--	0.8	%	ISO 248 (mod)
Ethylene Content	75.8	74.3	77.3	wt%	ASTM D3900B
Ethylidenenorbornene (ENB) Content	3.3	2.9	3.7	wt%	ASTM D6047 (mod)

Notes

¹ 1.6 - 5 s SR. Radial cavity dies, polymer remassed at 145±10°C.

² Radial cavity dies, polymer remassed at 145±10°C.

³ Correlated from volatile content at the Finishing unit, measured by ExxonMobil test method, incorporating the warehouse drying effect.

For additional technical, sales and order assistance:

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