

Sales Specification

Vistalon™ 3666

Ethylene Propylene Diene Terpolymer Rubber

Product Description

Vistalon 3666 EPDM rubber is an oil extended grade of very high molecular weight, medium ethylene level and medium diene content. It is used to produce 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.

Physical	Target	Minimum	Maximum	Unit	Test Based On
Oil Content, Paraffinic	75	69	81	phr	ExxonMobil Method
MLRA ¹	600	370	830	MU-sec	ASTM D1646 (mod)
Antioxidant content, non staining	0.10	0.05	0.15	wt%	ExxonMobil Method
Vanadium	--	--	25	wtppm	ExxonMobil Method
Mooney Viscosity ² (ML 1+4, 125°C)	52	47	57	MU	ASTM D1646 (mod)
Volatiles	--	--	0.6	%	ISO 248 (mod)
Ethylene Content ³	64.0	62.0	66.0	wt%	ASTM D3900A
Ethylidenenorbornene (ENB) Content	4.5	4.1	4.9	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 For oil extended grades, sampling is done before oil injection.

For additional technical, sales and order assistance:

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