

Vistalon™ 3666 EPDM rubber molded cable duct – 50 Shore A

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Model formulation	Phr ¹
Vistalon™ 3666	175
Carbon black N550 FEF	100
Carbon black N762 SRF	50
IPOL 201 paraffinic oil	70
PEG 4000	3.0
Zinc oxide	5.0
Stearic acid	1.0
Sulfur	0.5
TMTDS (80%)	2.0
DTDM (80%)	1.5
DPTTS (80%)	1.5
ZDMDC (80%)	2.0
ZDBDC (80%)	2.0
Total (phr)	413.5

¹ Parts per hundred dry rubber.

Rheology	Test methods (based on)	Unit	Typical values*
Rheometer (ODR), 180°C, 3 degree arc	ASTM D2084		
ML		dN/m	8
MH		dN/m	46
ts2		minutes	1.4
t90		minutes	4.7

* Values given are typical and should not be interpreted as a specification.

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Properties	Test methods (based on)	Unit	Typical values*
Physical properties, cured 6 minutes at 180°C			
Hardness (30 seconds)	ASTM D2240	Shore A	50
100% modulus	ASTM D412	MPa	1.8
Tensile strength	ASTM D412	MPa	12.4
Elongation at break	ASTM D412	%	515
Compression set, 25%, 22 hours at 70°C			
Cured 8 minutes at 180°C	ASTM D395-B	%	15

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Vistalon™ EPDM rubber compounds offer efficient mixing and good heat aging properties for both automotive and industrial applications. For detailed product information, please consult the individual grade datasheets available at vistalon.com.

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