

Vistalon™ 3666 EPDM rubber light colored molded goods – 25 Shore A

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Model formulation	Phr ¹
Vistalon™ 3666	175
Ultrasil™ VN3 silica	25
Sillikoloid™	100
IPOL 201 paraffinic oil	135
Polyvest™ 25 silane	2.0
PEG 4000	2.0
Zinc oxide	5.0
Stearic acid	1.0
Sulfur	1.0
MBT (75%)	1.5
TMTDS (80%)	0.8
DTDM (80%)	1.5
ZDMDC (80%)	0.8
Total (phr)	450.6

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	3.5
MH		dN/m	24
ts2		minutes	2.5
t90		minutes	5.5

* 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	25
100% modulus	ASTM D412	MPa	0.4
Tensile strength	ASTM D412	MPa	7.0
Elongation at break	ASTM D412	%	890

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Vistalon™ EPDM rubber grades offer improved tear strength, better aging resistance, increased flexibility and efficient mixing and processing for a variety of molded goods. For detailed product information, please consult the individual grade datasheets available at vistalon.com.

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