

# Vistalon™ 7500 EPDM rubber dense weatherseal – 60 Shore A

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Model formulation	Phr <sup>1</sup>
Vistalon™ 7500	100
Carbon black N762 SRF	200
Omya™ BL calcium carbonate	60
IPOL 201 paraffinic oil	115
Struktol™ WB 212	4.0
Zinc oxide	5.0
Stearic acid	2.0
Calcium oxide (80%)	10
Sulfur	1.5
MBT (75%)	1.5
TMTDS (80%)	0.8
DTDM (80%)	0.6
ZDMDC (80%)	0.8
TDADC (80%)	0.5
<b>Total (phr)</b>	<b>501.7</b>

<sup>1</sup> Parts per hundred dry rubber.

Rheology	Test methods (based on)	Unit	Typical values*
<b>Mooney viscosity, ML (1+4), 100°C</b>	ASTM D1646	MU	28
<b>Mooney scorch, 125°C</b>	ASTM D1646		
t5		minutes	8
<b>Rheometer (ODR), 180°C, 3 degree arc</b>	ASTM D2084		
ML		dN/m	8
MH		dN/m	43
ts2		minutes	0.9
t90		minutes	2.7

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

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Properties	Test methods (based on)	Unit	Typical values*
<b>Physical properties</b>			
Hardness (30 seconds)	ASTM D2240	Shore A	57
100% modulus	ASTM D412	MPa	2
Tensile strength	ASTM D412	MPa	7.0
Elongation at break	ASTM D412	%	370
<b>Compression set, cured 8 minutes at 180°C</b>		ASTM D395-B	
25% deflection, 22 hours at 70°C		%	21

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Vistalon™ EPDM rubber compounds meets stringent OEM requirements for both dense and sponge weatherseal applications. For detailed product information, please consult the individual grade datasheets available at [vistalon.com](http://vistalon.com).

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