

Vistalon™ 722 EPDM rubber improved flexibility medium voltage insulation – 80 Shore A

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Model formulation	Phr ¹
Vistalon™ 722	100
Translink™ 37 clay	60
TMQ	1.5
Vinyltri(2-methoxyethoxy) silane	1.0
Zinc oxide	5.0
ERD 90 (red lead)	5.0
Paraffin wax	5.0
Escorene™ LD 400 (LDPE)	5.0
Di-Cup™ 40KE	6.5
Total (phr)	189.0

¹ Parts per hundred dry rubber.

Rheology	Test methods (based on)	Unit	Typical values*
Mooney viscosity, ML (1+4), 125°C	ASTM D1646	MU	20
Mooney scorch, 132°C	ASTM D1646		
t3		minutes	27.2
Rheometer (ODR), 200°C, 6 minutes, 3 degree arc	ASTM D2084		
ML		dN/m	5.1
MH		dN/m	53.0
ts2		minutes	0.7
t90		minutes	2.1

* 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 20 minutes at 165°C			
Hardness (3 seconds)	ASTM D2240	Shore A	82
100% modulus	ASTM D412	MPa	3.8
Tensile strength	ASTM D412	MPa	8.5
Elongation at break	ASTM D412	%	570
Hot air aging, 14 days at 150°C			
Hardness (3 seconds)	ASTM D2240	Shore A	80
100% modulus	ASTM D412	MPa	3.8
Tensile strength	ASTM D412	MPa	6.7
Elongation at break	ASTM D412	%	540

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

Vistalon™ EPDM rubber provides easy processing with excellent electrical properties for flexible low- and medium-voltage cables. For detailed product information, please consult the individual grade datasheets available at vistalon.com.

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S0516-008E50 Eclipse 041200802

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