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AUTOMOTIVE INDUSTRY**Profile, solid, black****Weatherstrip****55 Shore A, EPDM, sulfur cure / shear head cure**

Guide formulation of Exxon		911 E 567
Vistalon 3666		52.5
Vistalon 8510)*		80.5
SRF N-762		130.0
FEF N-539		30.0
SILLITIN Z 86		50.0
Grundöl AP/E Core 600 (ex Flexon 876)		85.0
Stearic acid		2.0
PEG 3350		2.0
Zinc oxide		10.0
Calcium oxide		5.0
Sulfur		0.5
MBT		1.5
TMTD		0.8
DTDM		0.8
ZDMC		0.8
ZEPC		0.8
Total phr		452.2
Density	g/cm ³	1.19

)* No longer available. Recommended: Vistalon 8800

Mooney Viscosity

ML (1+4) 100°C MU 35

Mooney ScorchMS (t₅) 125°C min 6.3**ODR, ± 3°, 180°C**

ML, minimum dNm 5

MH, maximum dNm 32

ts₂ min 0.7tc₉₀ min 1.9

Our applications engineering advice and the information contained in this formulation are based on experience and are made to the best of our knowledge and belief, they must be regarded however as non-binding advice without guarantee. Working and employment conditions over which we have no control exclude any damage claim arising from the use of our data and recommendations. Furthermore we cannot assume any responsibility for patent infringements, which might result from the use of our information.

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Physical properties**Press cure 4 min @ 180°C**

Hardness		Shore A	54/52
Modulus 100 %		MPa	1.4
Tensile strength		MPa	8.1
Elongation at break		%	540
Tear resistance	ASTM C	N/mm	30
Tear resistance	DIN ISO 34-1, A	N/mm	11.6
Tear resistance	Delft	N/mm	18

Compression set**Press cure 8 min @ 180°C**

22 h @ 70°C, 25 % deflection		%	15
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Air aging, 7 d @ 70°C

Hardness		Shore A	56/54
Modulus 100 %		MPa	1.5
Tensile strength		MPa	7.8
Elongation at break		%	440

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