



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 Scorch

MS (t₅) 125°C min 6.3

ODR, ± 3°, 180°C

ML, minimum dNm 5

MH, maximum dNm 32

ts₂ min 0.7

tC₉₀ min 1.9

**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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