



## AUTOMOTIVE INDUSTRY

### Profile, solid, black

#### Weatherstrip

55 Shore A, EPDM, sulfur cure / CV cure

Specification VW TL 520

Guide formulation of Exxon	RRS 14
Vistalon 3666	175.00
SRF N-774	130.00
SILLITIN Z 86	100.00
Grundöl AP/E Core 600 (ex Flexon 876)	45.00
Zinc oxide	10.00
Stearic acid	1.50
PEG 4000	2.00
Calcium oxide 80 %	10.00
Sulfur	1.00
MBT	1.50
TMTD	0.75
ZDMC	0.75
DPTT	0.75
TDEC	0.75
Total phr	479.00
Density	g/cm <sup>3</sup> 1.25

#### ODR, 200°C

ML, minimum	dNm	13
MH, maximum	dNm	59
ts <sub>2</sub>	min	0.5
tc <sub>90</sub>	min	1.1



RRS 14

**Physical properties****Hot air cure 8 min @ 200°C**

			VW Spec.
Hardness	Shore A	56	55-65
Modulus 100 %	MPa	2.6	> 2.3
Tensile strength	MPa	8.5	> 8
Elongation at break	%	380	> 250

**Compression set**

100 h @ 70°C, 5 s	VW	%	35	< 55
100 h @ 70°C, 60 min	VW		35	< 40

**Air aging, 7 d @ 100°C**

Δ Hardness	Shore A	+6	< 7
Tensile strength	MPa	8.2	> 8
Elongation at break	%	265	> 250

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