



## AUTOMOTIVE INDUSTRY

### Profile, solid, black

### Door seal, low hardness

### 25 Shore A, EPDM, sulfur cure

Guide formulation of Exxon		A.4.0.001
Vistalon 3666		175.00
APF N-683		100.00
SILLITIN Z 86		100.00
Grundöl AP/E Core 2500 (ex Flexon 815)		160.00
Zinc oxide		10.00
Stearic acid		2.00
Sulfur		1.00
MBT		1.50
TMTD		0.75
DPTT		0.75
ZDMC		0.75
TDEC		0.75
Calcium oxide 80 %		10.00
Total phr		562.50
Density	g/cm <sup>3</sup>	1.15

### Monsanto Rheometer, ± 5°, 180°C

ML, minimum	dNm	4
MH, maximum	dNm	20
ts <sub>2</sub>	min	1.5
tC <sub>90</sub>	min	3.1

### Physical properties

#### Press cure @ 180°C

Hardness	Shore A	25
Modulus 100 %	MPa	0.6
Modulus 300 %	MPa	1.8
Tensile strength	MPa	7.3
Elongation at break	%	810

#### Compression set

##### Press cure 8 min @ 180°C

22 h @ 70°C, 25 % deflection	ASTM B	%	28
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