



## CONSTRUCTION INDUSTRY

### Profile, solid, black

#### Building profile

60 Shore A, EPDM, sulfur cure / CV cure

Specification AFNOR 85301

Guide formulation of Exxon		891 E 300
Vistalon 7500		100.0
FEF N-550		110.0
SILLIKOLLOID P 87		20.0
Grundöl AP/E Core 600 (ex Flexon 876)		80.0
Stearic acid		1.0
Zinc oxide		5.0
Calcium oxide		10.0
Sulfur		0.5
TMTD		2.0
ZDMC		1.5
ZDEC		1.5
DTDM		2.0
Total phr		333.5
Density	g/cm <sup>3</sup>	1.16
<b>Mooney Viscosity</b>		
ML (1+4) 100°C	MU	42
<b>ODR, ± 3°, 180°C</b>		
ML, minimum	dNm	6
MH, maximum	dNm	55
ts <sub>2</sub>	min	1.7
tc <sub>90</sub>	min	4.4
<b>Physical properties</b>		
<b>Press cure 5 min @ 180°C</b>		
Hardness	Shore A	62
Modulus 100 %	MPa	3.6
Tensile strength	MPa	11.6
Elongation at break	%	350



891 E 300

				<b>AFNOR</b>
				<b>85301</b>
<b>Compression set</b>				
<b>Press cure 8 min @ 180°C</b>				
22 h @ 100°C, 25 % defl.	ASTM B	%	24	< 25
<b>Tension set</b>				
7 d @ 100°C, 20 % elongation		%	55	< 90
<b>Elastic recovery</b>				
22 h @ -25°C, 25 % deflection		%	53	> 30
<b>Air aging, 14 d @ 100°C</b>				
Δ Hardness		Shore A	+6	± 10
Δ Tensile strength		%	+5	± 15
Δ Elongation at break		%, rel.	-22	< 30
Elongation at break		%	270	> 100
Δ Weight		%	-1	< 3

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