



CONSTRUCTION INDUSTRY

Profile, solid, black

Building profile

80 Shore A, EPDM, sulfur cure / CV cure

Specification AFNOR 85301

Guide formulation of Exxon		891 E 302
Vistalon 7500		100.0
FEF N-550		160.0
SILLIKOLLOID P 87		50.0
Grundöl AP/E Core 600 (ex Flexon 876)		90.0
Kagevest 25 (ex Polyvest 25)		2.0
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		425.5
Density	g/cm ³	1.25
Mooney Viscosity		
ML (1+4) 100°C	MU	68
ODR, ± 3°, 180°C		
ML, minimum	dNm	11
MH, maximum	dNm	65
ts ₂	min	1.3
tc ₉₀	min	3.2
Physical properties		
Press cure 5 min @ 180°C		
Hardness	Shore A	78
Modulus 100 %	MPa	6.8
Tensile strength	MPa	10.4
Elongation at break	%	175



891 E 302

				AFNOR
				85301
Compression set				
Press cure 8 min @ 180°C				
22 h @ 100°C, 25 % defl.	ASTM B	%	25	< 25
Tension set				
7 d @ 100°C, 20 % elongation		%	56	< 90
Elastic recovery				
22 h @ -25°C, 25 % deflection		%	30	> 10
Air aging, 14 d @ 100°C				
Δ Hardness		Shore A	+7	± 10
Δ Tensile strength		%	-3	± 15
Δ Elongation at break		%, rel.	-28	< 30
Elongation at break		%	110	> 80
Δ Weight		%	-0.9	< 3

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