



**CONSTRUCTION INDUSTRY**

**Profile, solid, light-colored**

**Building profile**

55 Shore A, EPDM, sulfur cure / LCM or hot air cure

Guide formulation of Exxon		A.1.3.002
Vistalon 6630 )*		130.0
SILLIKOLLOID P 87		220.0
Paraffin oil		70.0
PEG 3350		10.0
Titanium dioxide		10.0
Zinc oxide		10.0
Stearic acid		1.0
Silquest A-189		1.0
Calcium oxide 80 %		10.0
Sulfur		1.5
MBT		1.0
ZDMC		4.0
TDEC		1.0
Total phr		469.5
Density	g/cm <sup>3</sup>	1.35

)\* No longer available. Recommended: 100 phr Vistalon 8700 + 30 phr plasticizer

<b>Monsanto Rheometer, ± 5°</b>		<b>120°C</b>	<b>200°C</b>
ML, minimum	dNm	11.5	7.0
MH, maximum	dNm	---	46
ts <sub>2</sub>	min	2.4	0.4
tc <sub>90</sub>	min	---	1.7



A.1.3.002

		<b>Press</b>	<b>Hot air</b>
		<b>2 min @ 200°C</b>	
<b>Physical properties</b>			
Hardness	Shore A	55	53
Modulus 100 %	MPa	1.5	1.5
Modulus 300 %	MPa	3.2	3.0
Tensile strength	MPa	6.0	6.2
Elongation at break	%	570	680
<b>Tension set, hot air cured profile</b>			
22 h @ 70°C, 100 % elongation, 30 min cooling under tension / 48 h relaxation		---	22.5
<b>Compression set</b>		<b>3 min @ 200°C</b>	
22 h @ 70°C	ASTM B	35	---

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