



## ELECTRICAL APPLICATION

### Sheathing, light-colored

55 Shore A, EPDM, sulfur cure

Specification DIN VDE 0207 EM1

Guide formulation of Exxon			E.1.0.005
Vistalon 7001			100.0
SILLIKOLLOID P 87			170.0
Ultrasil VN 2			15.0
Paraffin oil			100.0
Silquest A-189			1.0
PEG 3350			4.0
Zinc oxide			5.0
Stearic acid			1.0
MBT			1.5
TMTD			1.0
ZDBC			1.5
Tetrone A			0.5
Sulfur			1.5
Total phr			402.0
Density	g/cm <sup>3</sup>		1.30
<b>ODR Monsanto, ± 5°, 180°C</b>			
ML, minimum	dNm		4.5
MH, maximum	dNm		64
ts <sub>2</sub>	min		1.5
tC <sub>90</sub>	min		7.0
<b>Physical properties</b>			<b>DIN VDE</b>
<b>Press cure 7 min @ 180°C</b>			<b>0207 EM1</b>
Hardness	Shore A		54
Modulus 100 %	MPa		1.8
Tensile strength	MPa		13.3
Elongation at break	%		650
			> 7
			> 300
<b>Air aging, 10 d @ 70°C</b>			
Δ Tensile strength	%	+3.5	± 20
Elongation at break	%	565	> 250
Δ Elongation at break	%, rel.	+13	± 20

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