



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
SILLITIN 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 ³	1.30

ODR Monsanto, ± 5°, 180°C

ML, minimum	dNm	4.5
MH, maximum	dNm	64
ts ₂	min	1.5
tC ₉₀	min	7.0

Physical properties

Press cure 7 min @ 180°C

			DIN VDE 0207 EM1
Hardness	Shore A	54	
Modulus 100 %	MPa	1.8	
Tensile strength	MPa	13.3	> 7
Elongation at break	%	650	> 300

Air aging, 10 d @ 70°C

Δ Tensile strength	%	+3.5	± 20
Elongation at break	%	565	> 250
Δ Elongation at break	%, rel.	+13	± 20

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