



ELECTRICAL APPLICATION

Sheathing, light-colored

70 Shore A, EPDM, sulfur cure

Specification DIN VDE 0207 EM1

Guide formulation of Exxon		E.1.0.006
Vistalon 7001		100.00
SILLITIN Z 86		175.00
Titanium dioxide		10.00
Paraffin oil		45.00
Zinc oxide		5.00
Paraffin wax		5.00
Silquest A-189		1.00
Irganox 1010		0.15
Stearic acid		1.00
MBT		1.50
TMTD		1.00
ZDBC		1.50
Tetrone A		0.50
Sulfur		1.50
Total phr		348.15
Density	g/cm ³	1.41

ODR Monsanto, ± 5°, 180°C

ML, minimum	dNm	15
MH, maximum	dNm	128
ts ₂	min	0.8
tc ₉₀	min	7.0

Physical properties

Press cure 7 min @ 180°C

			DIN VDE 0207 EM1
Hardness	Shore A	71	
Modulus 100 %	MPa	4.4	
Tensile strength	MPa	12.0	> 7
Elongation at break	%	495	> 300

Air aging, 10 d @ 70°C

Δ Tensile strength	%	+1	± 20
Elongation at break	%	405	> 250
Δ Elongation at break	%, rel.	+18	± 20

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