



## ELECTRICAL APPLICATION

### Sheathing, light-colored

75 Shore A, EPDM, sulfur cure

Specification DIN VDE 0207 EM1

Guide formulation of Exxon		E.1.0.004
Vistalon 2504		50
Vistalon 5630 )*		65
LDPE LD 653		20
SILLITIN Z 86		150
Silquest A-172NT		1
Paraffin oil		15
Paraffin wax		10
Zinc oxide		5
Vulkanox MB		1
Sartomer SR-206		2
Perkadox 14-40		6
Total phr		325
Density	g/cm <sup>3</sup>	1.32

)\* No longer available. Recommended: 50 phr Vistalon 5601 + 15 phr plasticizer

#### Physical properties

##### Steam cure 20 min @ 170°C

			DIN VDE 0207 EM1
Hardness	Shore A	75	
Modulus 100 %	MPa	4.0	
Tensile strength	MPa	9.1	> 7
Elongation at break	%	340	> 300

##### Air aging, 10 d @ 70°C

Δ Tensile strength	%	+2	± 20
Elongation at break	%	320	> 250
Δ Elongation at break	%, rel.	-6	± 20

Our applications engineering advice and the information contained in this formulation are based on experience and are made to the best of our knowledge and belief, they must be regarded however as non-binding advice without guarantee. Working and employment conditions over which we have no control exclude any damage claim arising from the use of our data and recommendations. Furthermore we cannot assume any responsibility for patent infringements, which might result from the use of our information.