



ELECTRICAL APPLICATION

Sheathing, light-colored

65 Shore A, EPDM, peroxide cure

Specification Semko

Guide formulation of Exxon		E.1.0.001
Vistalon 7001		100.00
SILLITIN Z 86		175.00
Process Oil P 460 (ex Sunpar 2280)		40.00
Zinc oxide		5.00
Wax		5.00
Silquest A-172NT		1.20
Irganox 1010		0.15
Perkadox 14-40		6.00
Sartomer SR-350		2.00
Total phr		334.35
Density	g/cm ³	1.33

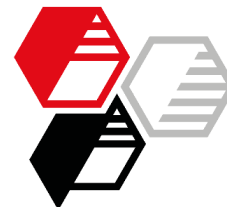
ODR Monsanto, ± 5°, 180°C

ML, minimum	dNm	17
MH, maximum	dNm	97
ts ₂	min	0.9
tC ₉₀	min	8.5

Physical properties

Press cure 10 min @ 180°C

			Semko
Hardness	Shore A	65	
Modulus 100 %	MPa	3.6	
Modulus 300 %	MPa	8.6	
Tensile strength	MPa	11.0	> 10
Elongation at break	%	340	> 300



E.1.0.001

			Semko	
Air aging, 3 d @ 120°C				
Tensile strength	MPa	12.0	> 10	
Elongation at break	%	315	> 250	
Air aging, 10 d @ 120°C				
Elongation at break	%	310	> 250	
Air aging, Delta (10-3) d @ 120°C				
Δ Tensile strength	%	+8	< 20	
Δ Elongation at break	%, rel.	+2	< 30	

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