

Guide formulation - page 1 of 2

**AUTOMOTIVE INDUSTRY****Profile, solid, black****Finger protection profile****65 Shore A, EPDM, sulfur cure**

Guide formulations of Exxon	A.4.0.006	A.4.0.007	
Vistalon 3666	175.0	175.0	
FEF N-550	170.0	170.0	
SILLITIN Z 86	40.0	40.0	
Grundöl AP/E Core 600 (ex Flexon 876)	50.0	60.0	
Faktis RC 141 )*	20.0	---	
Stearic acid	1.0	1.0	
Kagevest 25 (ex Polyvest 25)	2.0	2.0	
Zinc oxide	5.0	5.0	
Sulfur	1.5	1.5	
MBT	2.0	2.0	
TMTD	0.8	0.8	
ZDEC	0.8	0.8	
Total phr	468.1	458.1	
Density	g/cm <sup>3</sup>	1.19	1.18

)\* No longer available. Recommended: Rhenopren 14

**Monsanto Rheometer, ± 5°, 180°C**

ML, minimum	dNm	14	11
MH, maximum	dNm	51	43
ts <sub>2</sub>	min	1.2	1.2
tc <sub>90</sub>	min	6.4	5.2

**Physical properties****Press cure 8 min @ 180°C**

Hardness, 3 s	Shore A	67	64
Modulus 100 %	MPa	3.1	3.0
Modulus 300 %	MPa	8.7	10.1
Tensile strength	MPa	10.6	10.6
Elongation at break	%	420	320
Tear resistance	DIN ISO 34-1, A N/mm	7.6	7.2

*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.*

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	A.4.0.006	A.4.0.007
<b>Compression set</b>		
<b>Press cure 12 min @ 180°C</b>		
22 h @ RT, 25 % deflection ASTM B %	12	10
22 h @ 70°C, 25 % deflection ASTM B %	22	19
<b>Collapse resistance on steam cured hose</b>		
Diameter ratio D1/D2	0.94	0.90

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