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AUTOMOTIVE INDUSTRY**Fuel hose****Fuel hose lining, antistatic****70 Shore A, NBR, sulfur cure**

Guide formulation of Schill + Seilacher	6256.0/D-3
Perbunan 3945 F	100.0
Zinc White Harzsiegel	3.0
Ketjenblack EC-600JD	5.0
Carbon black N-330 (Statex)	20.0
SILLITIN N 85	70.0
Struktol WB 300 A)*	15.0
Struktol WB 222	2.0
Vulkanox HS/LG	1.0
Vulkacit DZ/EG-C	2.8
Perkacit ZBEC pd	2.5
Vulkalent E/C	0.6
Struktol SU 109	0.8
Total phr	222.7

)* Struktol WB 300 A can be replaced by Struktol KW 326

Mooney Viscosity

ML (1+4) 100°C MU 49

ODR, 150°C

ts ₂	min	1.1
tc ₁₀	min	0.86
tc ₉₀	min	5.84

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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Physical properties**Cure 15 min @ 150°C**

Hardness	Shore A	71
Tensile strength	MPa	10.6
Modulus 100 %	MPa	2.7
Modulus 300 %	MPa	6.4
Elongation at break	%	437
Tear resistance (trousers)	N/mm	7.8
Compression set		
72 h @ 23°C	%	16.4
Volume resistivity	Ω cm	$< 3 \times 10^5$
Blooming after storage 1 week @ RT		no

Air aging, 168 h @ 70°C

Hardness	Shore A	73
Tensile strength	MPa	11.2
Modulus 100 %	MPa	3.4
Modulus 300 %	MPa	8.0
Elongation at break	%	394
Tear resistance (trousers)	N/mm	8.3
Δ Hardness	Shore A	+2
Δ Tensile strength	%	+5.7
Δ Modulus 100 %	%	+26
Δ Modulus 300 %	%	+25
Δ Elongation at break	%, rel.	-10

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