



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

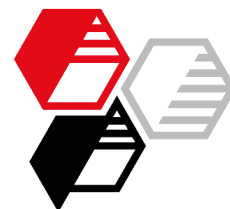
)* Struktol WB 300 A can be replaced by Struktol KW 326

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



6256.0/D-3

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 x 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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