

CONSTRUCTION INDUSTRY

Lining, black

Corrosion protective lining

60 Shore A, NBR, sulfur cure

Guide formulation of HOFFMANN MINERAL		M 461.1/2
Perbunan 3807 NS)*	100.0
Stearic acid		0.5
Zinkoxyd aktiv		5.0
Novares C 90		3.0
MT N-990		20.0
SILLITIN N 82)**	40.0
Vulkanol FH		5.0
Vulkanol OT		5.0
Vulkanox 4020		1.5
Vulkacit Mercapto		1.0
DPG pdr		0.5
Sulfur		2.4
Total phr		183.9

)* No longer available. Recommended: Perbunan 3945 F

)** No longer available. Recommended: SILLITIN N 75

Mooney Viscosity

ML (1+4) 120°C DIN 53523, T3 MU 40

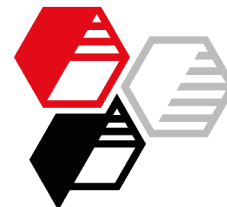
Mooney Scorch

ML (5MU) 120°C DIN 53523, T4 min 4.1

Goettfert Elastograph, ± 0.2°, 170°C

t₁₀ DIN 53529, T3 min 1.1

t₉₀ DIN 53529, T3 min 15.5

**Physical properties****Press cure 17 min @ 170°C**

Density	DIN EN ISO 1183-1	g/cm ³	1.27
Hardness	DIN ISO 7919-1	Shore A	60
Modulus 100 %	DIN 53504, S2	MPa	2.1
Modulus 300 %	DIN 53504, S2	MPa	5.4
Tensile strength	DIN 53504, S2	MPa	8.6
Elongation at break	DIN 53504, S2	%	420
Rebound	DIN 53512	%	22
Tear resistance	DIN ISO 34-1, A	N/mm	5.0
Abrasion	DIN ISO 4649	mm ³	195
Compression set 24 h @ 100°C, 25 % deflection	DIN ISO 815, B	%	48

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