



CONSTRUCTION INDUSTRY

Lining, black

Corrosion protective lining

55 Shore A, CR

Guide formulation of HOFFMANN MINERAL		M 461.0/2
Baypren 110		50.0
Baypren 214		50.0
Rhenofit OCD		1.5
Aflux 42		3.0
Novares C 90		5.0
Vulkanol FH		6.0
Corax N 330		25.0
SILLITIN N 82)*	60.0
Faktogel Rheinau H)**	10.0
Weichmacher 450		6.0
Stearic acid		1.5
Pb ₃ O ₄ 80 %		20.0
Vulkacit 576		2.0
Rhenocure CA		2.0
Total phr		242,0

)* No longer available. Recommended: SILLITIN N 75

)** No longer available. Recommended: Rhenopren EPS

Mooney Viscosity

ML (1+4) 120°C DIN 53523, T3 MU 77

Mooney Scorch

ML (5 MU) 120°C DIN 53523, T4 min 2.4

Goettfert Elastograph, ± 0.2°, 180°C

t₁₀ DIN 53529, T3 min 0.7

t₉₀ DIN 53529, T3 min 22.3



M 461.0/2

Physical properties**Press cure 24.5 min @ 180°C**

Density	DIN EN ISO 1183-1	g/cm ³	1.53
Hardness	DIN ISO 7619-1	Shore A	54
Modulus 100 %	DIN 53504, S2	MPa	1.5
Modulus 300 %	DIN 53504, S2	MPa	4.3
Tensile strength	DIN 53504, S2	MPa	7.9
Elongation at break	DIN 53504, S2	%	450
Rebound	DIN 53512	%	30
Tear resistance	DIN ISO 34-1, A	N/mm	7.0
Abrasion	DIN ISO 4649	mm ³	445
Compression set 24 h @ 100°C, 25 % deflection	DIN ISO 815, B	%	35

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