



MACHINERY and EQUIPMENT

Roller cover, light-colored

Rice husking roller

50 Shore D (97 Shore A), SBR/BR, sulfur cure

Guide formulation of HOFFMANN MINERAL	M 511.2/14
Buna CB 10)*	15
SBR 1502	65
Duranit B)**	20
Zinkoxyd aktiv	2
Stearic acid	1
Vulkanox HS/LG	2
Ultrasil VN 3	70
SILLITIN Z 86	30
CBS	2
TMTD pdr	1
Sulfur	2
Total phr	210

)* No longer available. Recommended: Buna CB 24

)** No longer available. Recommended: Europrene HS 630

Mooney Viscosity

MS (1+4) 120°C DIN 53523, T3 MU 35

Mooney Scorch

MS (5 MU) 120°C DIN 53523, T4 min > 120

Goettfert Elastograph, ± 0.2°, 150°C

t₅ DIN 53529, T3 min 0.5

t₉₀ DIN 53529, T3 min 17.8

**Physical properties****Press cure 19.6 min @ 150°C**

Density	DIN EN ISO 1183-1	g/cm ³	1.33
Hardness	DIN ISO 7619-1	Shore D	49
Hardness	DIN ISO 7619-1	Shore A	97
Hardness, 100°C	DIN ISO 7619-1	Shore A	92
Modulus 100 %	DIN 53504, S2	MPa	6.5
Modulus 300 %	DIN 53504, S2	MPa	11.3
Tensile strength	DIN 53504, S2	MPa	16.6
Elongation at break	DIN 53504, S2	%	550
Rebound	DIN 53512	%	44
Tear resistance	DIN ISO 34-1, A	N/mm	41.1
Abrasion	DIN ISO 4649	mm ³	175
Compression set	DIN ISO 815, B		
22 h @ 70°C, 25 % deflection		%	73
22 h @ 100°C, 25 % deflection		%	95

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