



MACHINERY and EQUIPMENT
Roller cover, light-colored

25/30 Shore A, EPDM, sulfur cure

Guide formulations of Hüls (now Evonik)	3118 B15	3118 B16
Buna AP 447)*	100.00	100.00
Zinc oxide RS	5.00	5.00
Stearic acid	1.00	1.00
Gulf Oil 2212	150.00	150.00
Faktis DS weich	---	30.00
Titanium dioxide rutile	20.00	20.00
Corax N 550	0.25	0.25
Perkasil KS 300	40.00	40.00
SILLITIN Z 86	40.00	40.00
PEG 6000	5.00	5.00
Sulfur	1.00	1.00
Vulkacit CZ	2.00	2.00
Vulkacit Thiuram	1.00	1.00
Butyl Zimate	2.00	2.00
Rhenogran ZDBC-80	1.30	1.30
Total phr	368.55	398.55
Density	g/cm ³ 1.09	1.08

)* No longer available. Recommended: Keltan 5470 or Keltan 5470Q

Mooney Scorch

MS 140°C	min	17	17
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Rheometer, 160°C

t ₁₀	min	6.0	5.9
t ₉₀	min	11.1	18.0

Physical properties

Cure 20 min @ 160°C

Hardness	Shore A	30	25
Tensile strength	MPa	7.5	5.2
Elongation at break	%	825	990
Rebound	%	48	42



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Compression set

22 h @ 70°C	ASTM B	%	19	36
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Air aging (Geer), 7 d @ 120°C

Hardness		Shore A	39	35
Tensile strength		MPa	6.9	6.7
Elongation at break		%	645	720

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