



MACHINERY and EQUIPMENT

Appliance, Gasket, light-colored

Washing machine gasket

40 Shore A, EPDM, sulfur cure

Guide formulation of Exxon	VI 035 1.1
Vistalon 7500	100.0
Titanium dioxide	10.0
SILLIKOLLOID P 87	125.0
Grundöl AP/E Core 2500 (ex Flexon 815)	35.0
Zinc oxide	5.0
Stearic acid	1.0
Kagevest 25 (ex Polyvest 25)	2.0
PEG 3350	3.0
Sulfur	0.5
MBT	1.0
ZDBC	0.3
ZEPC	0.5
CBS	2.0
Rhenogran CLD-80	0.3
Total phr	285.6

Mooney Viscosity

ML (1+4) 100°C	MU	31
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ODR, ± 3°, 180°C

ML, minimum	dNm	4
MH, maximum	dNm	30
ts ₂	min	1.9
tC ₉₀	min	3.8

**Physical properties****Press cure 5 min @ 180°C**

Hardness		Shore A	43/38
Modulus 100 %		MPa	1.2
Tensile strength		MPa	9.9
Elongation at break		%	860
Tear resistance	DIN ISO 34-1, A	N/mm	8.9

Compression set

22 h @ 100°C, 25 % defl.	ASTM B	%	43
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Immersion in phosphate-free detergent solution, 72 h @ 95°C

Δ Hardness		Shore A	+2
Δ Tensile strength		%	-25
Δ Elongation at break		%, rel.	-25
Δ Volume		%	+1

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