



MACHINERY and EQUIPMENT

Appliance, Gasket, light-colored

Washing machine gasket

45 Shore A, EPDM, sulfur cure

Guide formulation of Exxon		RRS 19
Vistalon 3666		175.0
SILLIKOLLOID P 87		100.0
Perkasil KS 300		40.0
Grundöl AP/E Core 600 (ex Flexon 876)		45.0
Zinc oxide		5.0
Stearic acid		2.0
Titanium dioxide		10.0
Diethylene glycol		3.0
Kagevest 25 (ex Polyvest 25)		2.0
Sulfur		1.0
MBT		1.5
Deovulc EG 28		4.5
Total phr		389.0
Density	g/cm ³	1.20

ODR, 180°C

ML, Minimum	dNm	11
MH, Maximum	dNm	35
ts ₂	min	1.3
tC ₉₀	min	3.6

Physical properties

Press Cure 5 min @ 180°C

Hardness	Shore A	47
Modulus 100 %	MPa	1.2
Modulus 300 %	MPa	3.4
Tensile strength	MPa	11.0
Elongation at break	%	700
Tear resistance	N/mm	8.7



RRS 19

Compression set

24 h @ 100°C % 35

Tension set

24 h @ 100°C, 50 % % 25

Air aging, 72 h @ 70°C

Δ Hardness Shore A +5

Δ Tensile strength % -7

Δ Elongation at break %, rel. -6

Immersion in detergent solution, 72 h @ 95°C

Δ Hardness Shore A 0

Δ Volume % +1

Immersion in ASTM Oil 2, 72 h @ 80°C

Δ Hardness Shore A -16

Δ Volume % +68

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