



MACHINERY and EQUIPMENT

Appliance, Gasket, light-colored

Washing machine gasket

55 Shore A, EPDM, sulfur cure

Guide formulation of Exxon	RRS 20
Vistalon 3666	123.0
Vistalon 6630)*	39.0
SILLITIN P 87	120.0
Ultrasil VN 2	30.0
Grundöl AP/E Core 600 (ex Flexon 876)	20.0
Zinc oxide	5.0
Stearic acid	2.0
PEG 4000	4.0
Titanium dioxide	5.0
Silquest A-189	1.5
Irganox 1010	0.5
Sulfur	0.8
MBT	1.0
TMTD	4.0
Total phr	355.8
Density	g/cm ³ 1.27

)* No longer available. Recommended: 30 phr Vistalon 8700 + 9 phr plasticizer

ODR, 180°C

ML, Minimum	dNm	13
MH, Maximum	dNm	68
ts ₂	min	1.4
tC ₉₀	min	3.5

Physical properties

Press Cure 4 min @ 180°C

Hardness	Shore A	56
Modulus 100 %	MPa	2.0
Modulus 300 %	MPa	5.1
Tensile strength	MPa	13.2
Elongation at break	%	625



RRS 20

Tension set

1 h @ RT, 200 %	%	11
-----------------	---	----

Air aging, 72 h @ 100°C

Δ Hardness	Shore A	+4
Δ Tensile strength	%	-6
Δ Elongation at break	%, rel.	-18

Immersion in sodium-hypochlorite 2 %, 24 h @ 70°C

Δ Hardness	Shore A	-6
Δ Tensile strength	%	-8
Δ Elongation at break	%, rel.	-9
Δ Volume	%	+1.7

Our applications engineering advice and the information contained in this formulation are based on experience and are made to the best of our knowledge and belief, they must be regarded however as non-binding advice without guarantee. Working and employment conditions over which we have no control exclude any damage claim arising from the use of our data and recommendations. Furthermore we cannot assume any responsibility for patent infringements, which might result from the use of our information.