



**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
SILLIKOLLOID 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 <sup>3</sup> 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 <sub>2</sub>	min	1.4
tC <sub>90</sub>	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
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**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

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