



AUTOMOTIVE INDUSTRY

Profile, solid, black

Sun roof seal

55 Shore A, EPDM, sulfur cure / UHF cure

Specification Renault 2 5 07 B1

Guide formulation of Exxon		911 E 507
Vistalon 3666		175.0
SRF N-774		110.0
SILLITIN Z 86		100.0
Grundöl AP/E Core 600 (ex Flexon 876)		35.0
Zinc oxide		10.0
Stearic acid		1.5
PEG 3350		5.0
Calcium oxide		10.0
Kagevest 25 (ex Polyvest 25)		3.0
Sulfur		1.5
MBT		1.5
TMTD		0.6
DPTT		1.0
ZDBC		1.0
TDEC		0.8
Total phr		455.9
Density	g/cm ³	1.26
Mooney Viscosity		
ML (1+4) 100°C	MU	46
Mooney Scorch		
MS (t ₅) 125°C	min	6
ODR, ± 3°, 180°C		
ML, minimum	dNm	8
MH, maximum	dNm	35
t _{S2}	min	0.6
t _{C90}	min	1.8

**Physical properties****Press cure 4 min @ 180°C**

Hardness		Shore A	55/53
Modulus 100 %		MPa	2.0
Tensile strength		MPa	9.8
Elongation at break		%	480
Tear resistance	ASTM C	N/mm	34
Tear resistance	DIN ISO 34-1, A	N/mm	11.3
Tear resistance	Delft	N/mm	9

Compression set**Press cure 8 min @ 180°C**

22 h @ 70°C, 25 % deflection	ASTM B	%	22
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Air aging, 7 d @ 70°C

Hardness		Shore A	60/61
Modulus 100 %		MPa	3.0
Tensile strength		MPa	9.6
Elongation at break		%	350

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