



AUTOMOTIVE INDUSTRY

Profile, sponge, black

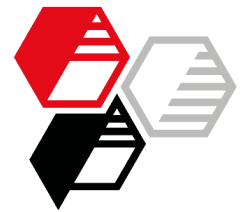
Door seal tube

Density 0.55 g/cm³, EPDM, sulfur cure / LCM cure

Guide formulation of Exxon	M 701
Vistalon 2504	20.0
Vistalon 6505	80.0
GPF N-650	70.0
SILLITIN N 82)*	30.0
Paraffin oil	60.0
Zinc oxide	10.0
Stearic acid	2.0
Carbowax PEG 4000	2.0
Rhenogran CaO-80	4.5
Genitron AC2	3.0
Blowing agent BSH	0.5
Sulfur	1.0
MBT	2.5
TMTD	1.0
ZDMC	0.8
ZDEC	1.8
ZDBC	2.0
Total phr	291.1
Density g/cm ³	1.16

)* No longer available. Recommended: SILLITIN N 75

Monsanto Rheometer, ± 5°		120°C	200°C
ML, minimum	dNm	10	8
MH, maximum	dNm	---	52
ts ₂	min	2.9	0.4
tc ₉₀	min	---	1.1



M 701

Physical properties, Renault 16 door seal tubing profile

LCM cure 45 s @ 225°C

Density		g/cm ³	0.53
Tensile strength		MPa	2.1
Elongation at break		%	350
Water absorption	ASTM D 1056	%	0.1
Water absorption	Renault method	%	0.1

Compression deflection		(Nx10)/5 cm	1.55
50 % deflection, speed 2 "/min, 5. force recorded			
Wall thickness		mm	2.5

			original	post cured 1 h @ 130°C
Compression set				
22 h @ 70°C, 50 % deflection	ASTM B	%	28	20
7 d @ 70°C, 50 % deflection	ASTM B	%	54	45

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