



AUTOMOTIVE INDUSTRY

Molding, light-colored

Rear light gasket

25 Shore A, PNR, sulfur cure / injection molding

Specification Bosch VS 15441

Guide formulation of Astrotech Advanced Elastomerproduct (original: Nippon Zeon)	RRS 12
Norsorex 150 NA 25 EP	275.0
Naphthenic oil	70.0
SILLITIN N 85	70.0
Whiting	100.0
Zinc oxide	5.0
Stearic acid	1.0
TMTD	1.5
Vulkacit I	1.5
DTDM	1.5
Ethyl Tellurac	0.8
DOTG	1.0
Rhenogran ETU-80	0.6
Total phr	527.9

Mooney Viscosity

ML (1+4) 100°C	MU	24
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Monsanto Rheometer, 180°C

ts ₂	min	2.5
tc ₁₀₀	min	6

Physical properties

Press cure 6 min @ 180°C

Density	g/cm ³	1.20
Hardness	Shore A	23
Modulus 100 %	MPa	0.5
Modulus 200 %	MPa	0.7
Modulus 300 %	MPa	1.1
Tensile strength	MPa	8.5
Elongation at break	%	510
Rebound	%	60



RRS 12

Compression set

22 h @ 70°C	ASTM B	%	19
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Air aging, 7 d @ 70°C

Hardness		Shore A	27
Modulus 100 %		MPa	0.5
Modulus 200 %		MPa	0.8
Modulus 300 %		MPa	1.3
Tensile strength		MPa	8.3
Elongation at break		%	460

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