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**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

**Monsanto Rheometer, 180°C**ts<sub>2</sub> min 2.5  
tc<sub>100</sub> min 6**Physical properties****Press cure 6 min @ 180°C**

Density	g/cm <sup>3</sup>	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

*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.*

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**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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