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AUTOMOTIVE INDUSTRY
Molding, light-colored**Silencer mounting**
55 Shore A, NR, sulfur cure

Guide formulation of Akzo		RRS 15		
NR Smoked Sheets				100.0
Stearic acid				1.0
Perkasil KS 300				40.0
SILLITIN Z 86				10.0
Zinkoxyd aktiv				5.0
Antioxidant MB				1.0
MBTS				1.5
TMTM				1.5
Sulfur				1.5
Total phr				161.5
Density	g/cm ³			1.16
Mooney Viscosity				
ML (1+4) 100°C	MU			26
Mooney Scorch				
MS (t ₅) 121°C	min			4.3
Physical properties				
Cure @ 151°C				
		5 min	20 min	30 min
Hardness	Shore A	57	55	54
Modulus 100 %	MPa	5.7	4.7	4.5
Modulus 300 %	MPa	14.3	12.0	11.5
Tensile strength	MPa	22.1	21.4	20.2
Elongation at break	%	640	670	670
Rebound	%	46	43	41
Tear resistance	N/mm	104	100	66
Compression set				
70 h @ 24°C	%	6.1	5.8	6.1
24 h @ 70°C	%	32	20	12
72 h @ 100°C	%	72	52	42

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