

NEUBURG SILICEOUS EARTH IN EPDM AIR INTAKE HOSE COST-EFFECTIVE ALTERNATIVE TO N990

FORMULATION

Formulation in phr Target: 60 Shore A	N990	NSE
Keltan 5469, Ethylene 63 %, ENB 4.5 %, 100 phr oil content, ML1+4 (125 °C) 52 MU	200	200
Stearic acid	1	1
Zinkoxyd aktiv	5	5
Omya BSH	50	50
N550	115	115
N990	150	-
Neuburg Siliceous Earth	-	180
Sunthene 4240	25	25
Triethanolamine, 98 %	0.9	0.9
Sulfur cure system	8.68	8.68

SUMMARY: REPLACING N990 BY

NSE in general	good processing properties		
Aktifit AM	Silfit Z 91	Sillitin Z 86	Sillitin N 75*
cost saving of 5 %	cost reduction potential of up to 13 %		
shorter cure time	longer scorch time		
higher modulus 100 %	similar tensile strength and elongation at break		
at least comparable or slightly improved hot air and oil resistance			
Further benefits of NSE	high availability, safe delivery times, no dependence on fossil resources		

*The tests were carried out with Sillitin N 82.
This product is no longer available. Recommended: Sillitin N 75.

RESULTS

