



Neuburg Siliceous Earth Cost-effective Alternative to N990

FKM Fuel Hose, Bisphenolic Cure

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Wir geben Stoff für gute Ideen

N990 Substitution FKM Fuel Hose

Formula

Formulation in phr Target: 80 ± 5 Sh. A	N990	NSE
FKM, low curative level, dipolymer (HFP+VDF), 66 % fluorine, ML1+10 (121 °C) 44 MU	100	100
Elastomag 170, MgO	3	3
Vulcofac F45, Ca(OH) ₂	6	6
N990	30	-
Neuburg Siliceous Earth	-	45

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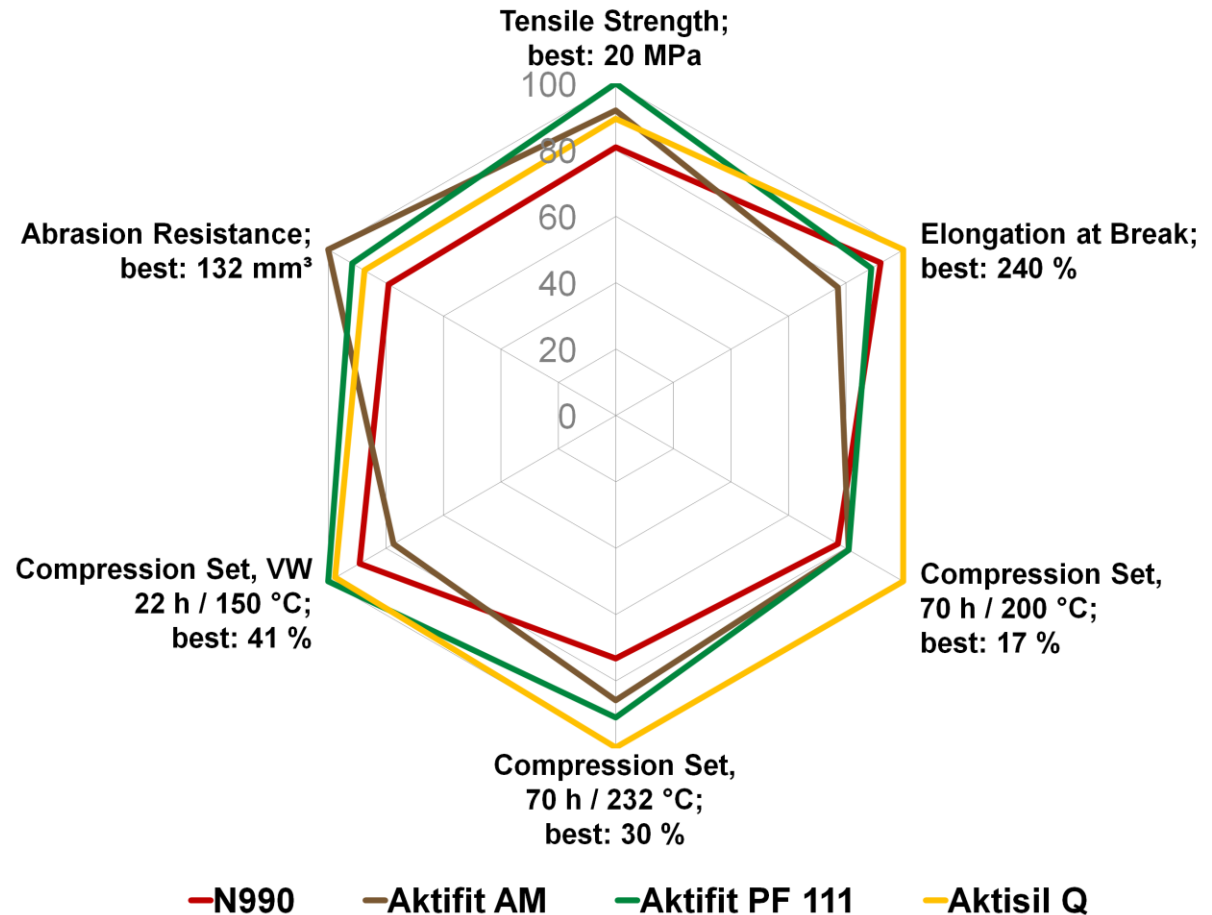
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N990 Substitution FKM Fuel Hose

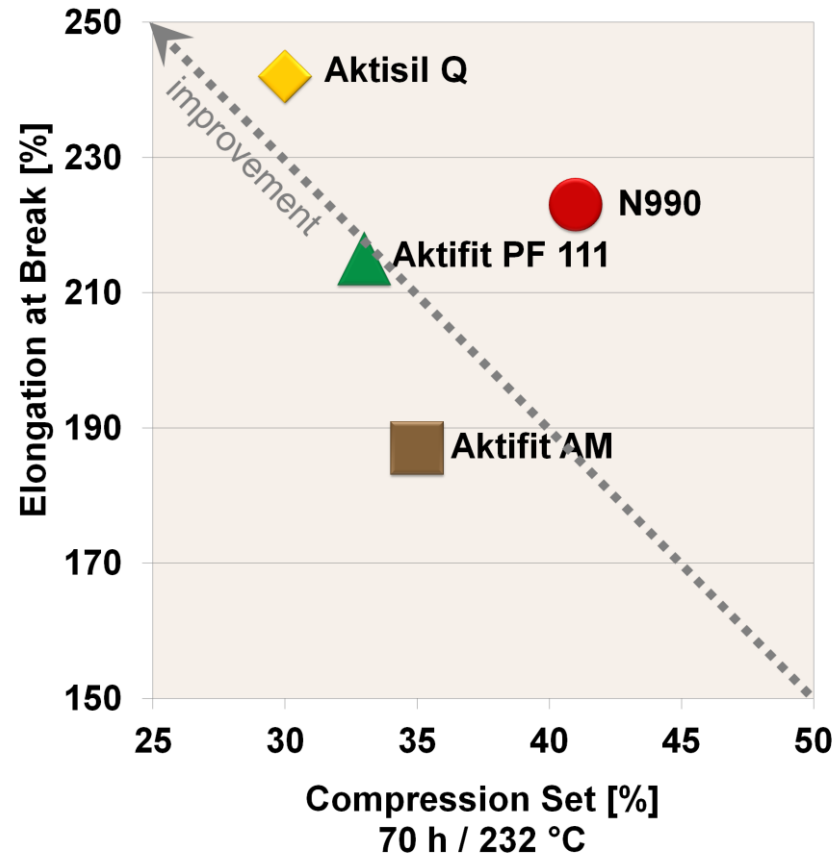
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General Mechanical Properties Index: 100 = best



N990 Substitution FKM Fuel Hose

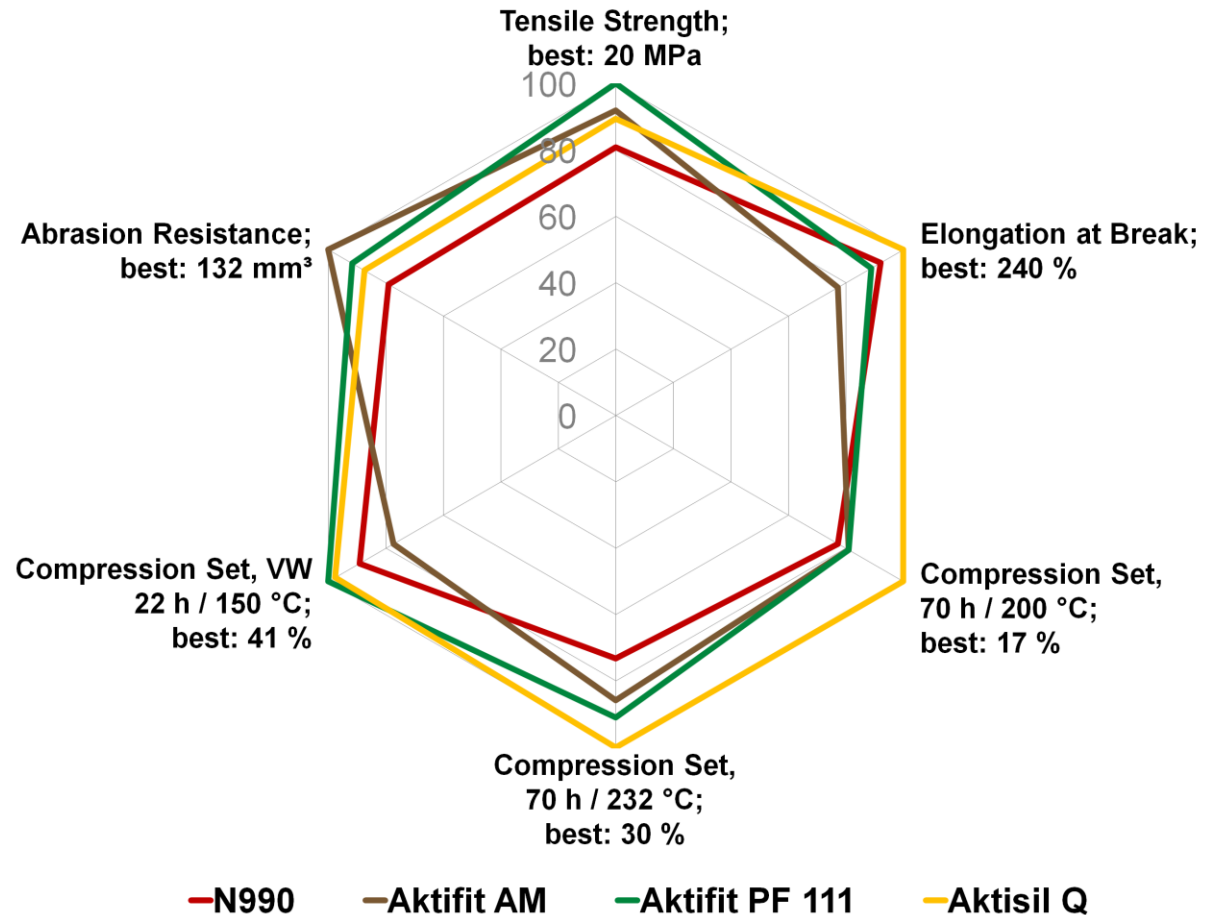
Compression Set vs. Elongation at Break



N990 Substitution FKM Fuel Hose

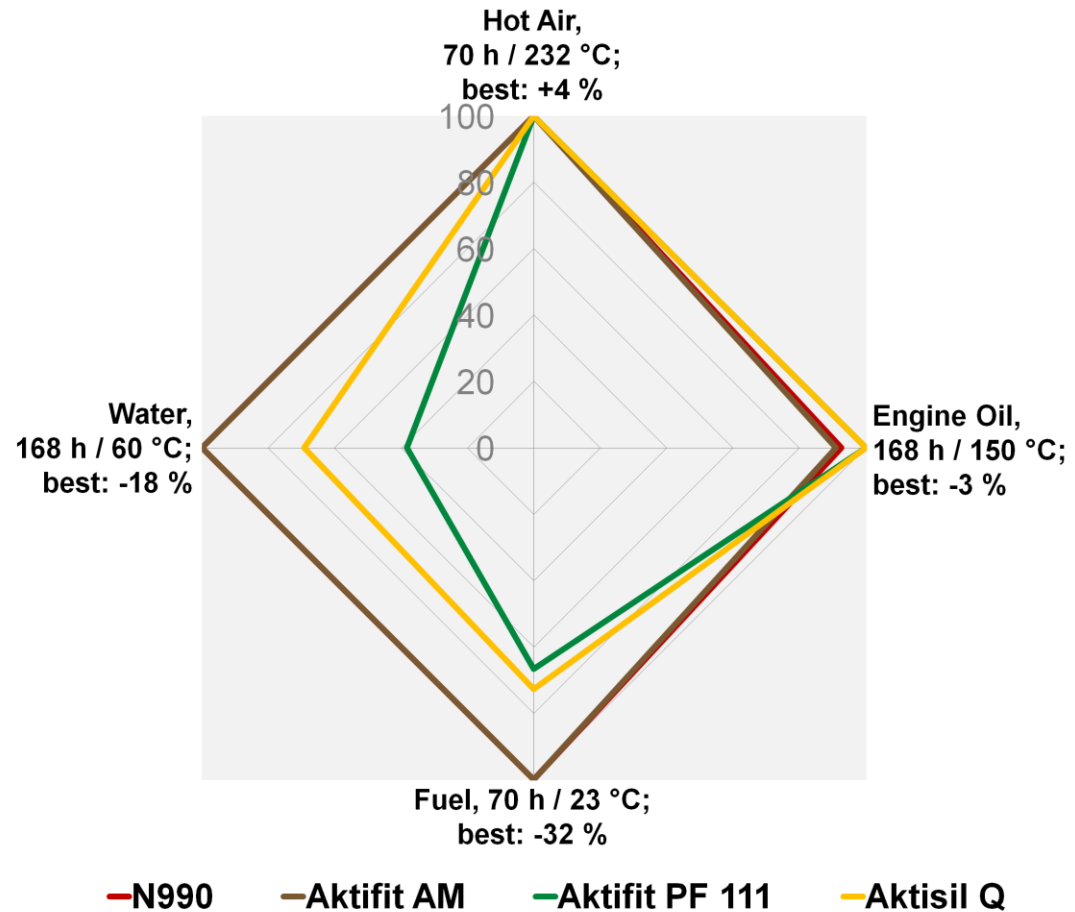
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General Mechanical Properties Index: 100 = best



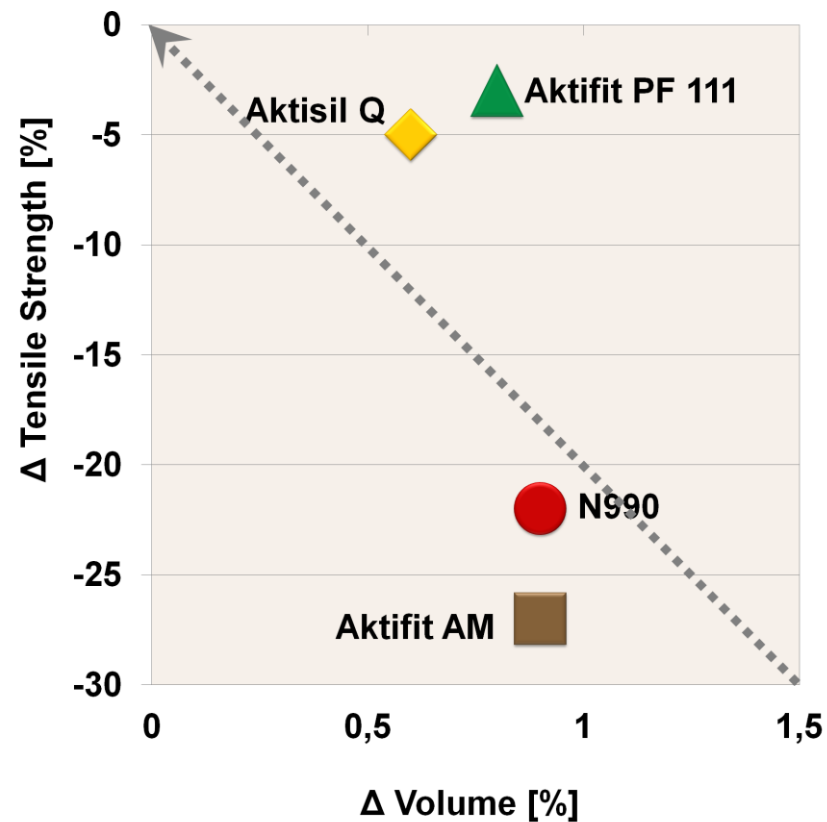
N990 Substitution FKM Fuel Hose

Media Resistance (Reference: Δ Tensile Strength [%])
Index: 100 = best



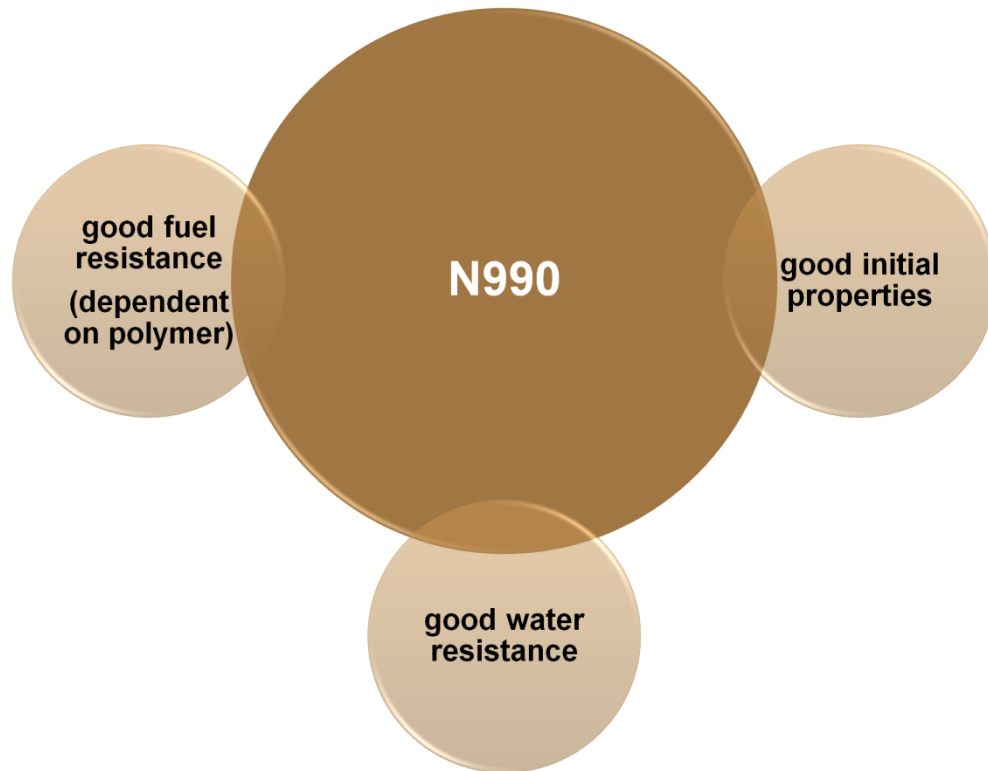
N990 Substitution FKM Fuel Hose

Immersion in Engine Oil, 168 h / 150 °C
 Δ Volume vs. Δ Tensile Strength



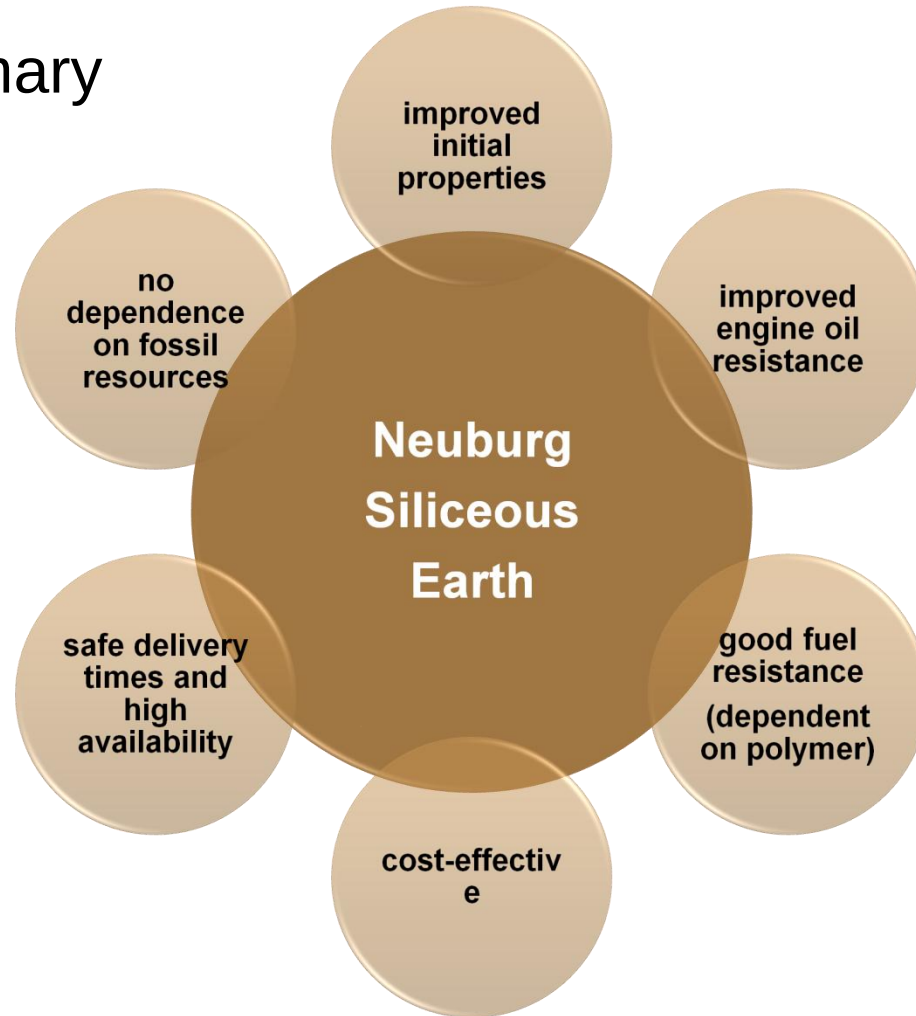
N990 Substitution FKM Fuel Hose

Summary



N990 Substitution FKM Fuel Hose

Summary



The End



The Doors