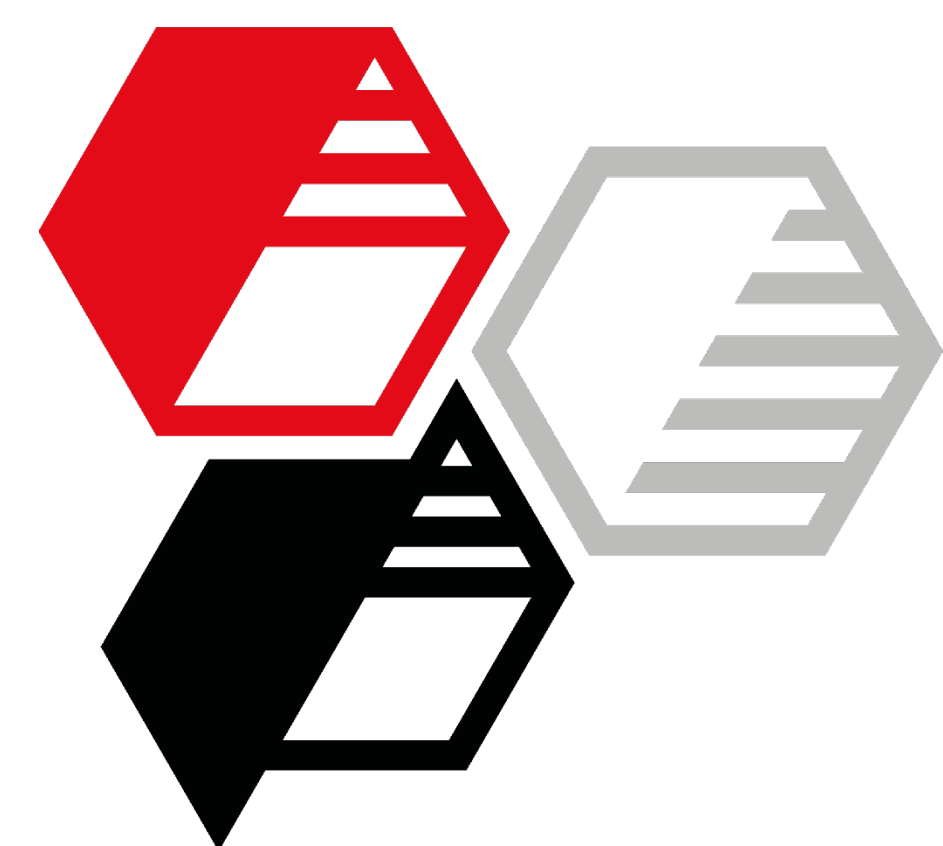
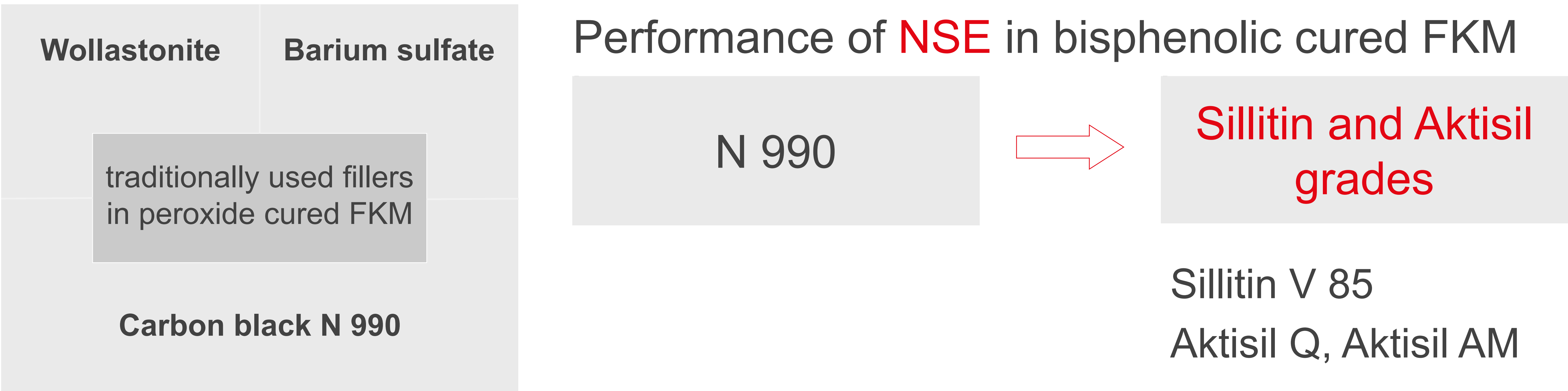


Neuburg Siliceous Earth (NSE) in FKM, bisphenolic cured, tintable alternative to carbon black N 990



Objective



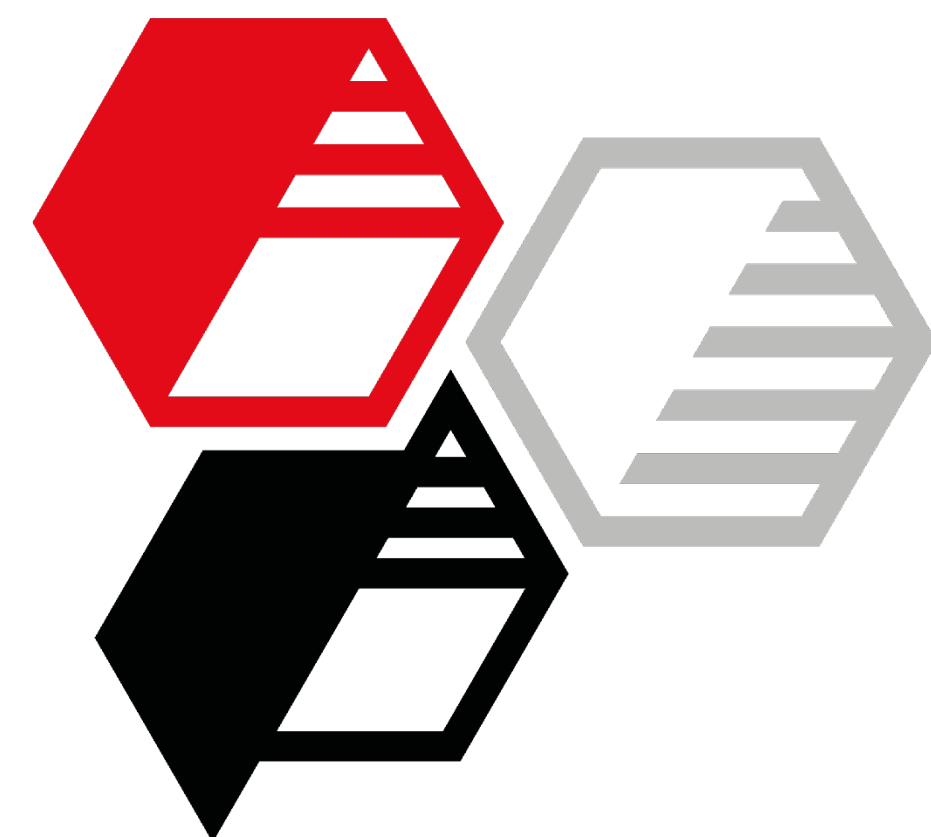
Formulation

Hardness range: 75 – 85 Shore A		N 990	NSE
Viton A-201C	FKM, ML 1+1 (121 °C): 20 MU high curative level	100	100
Elastomag 170	MgO	3	3
Vulcofac F45	Ca(OH) ₂	6	6
N 990	Carbon black	30	-
NSE	Neuburg Siliceous Earth	-	45

Summary

Benefits of NSE vs. N 990	Sillitin V 85	Aktisil Q	Aktisil AM	
Tensile strength	=	+	+	+ improvement
Elongation at break	+	=		
Modulus 100 %		+	+	
Tear resistance	=			+ improvement, best grade
Abrasion resistance	=	=	+	
CS ISO 232 °C	=	=	=	
Resistance to hot air	+	+	+	= no effect
Resistance to water		=	=	
Resistance to fuel	=		=	
Resistance to oil	=	=		

Neuburg Siliceous Earth (NSE) in FKM, bisphenolic cured, tintable alternative to carbon black N 990



Results

