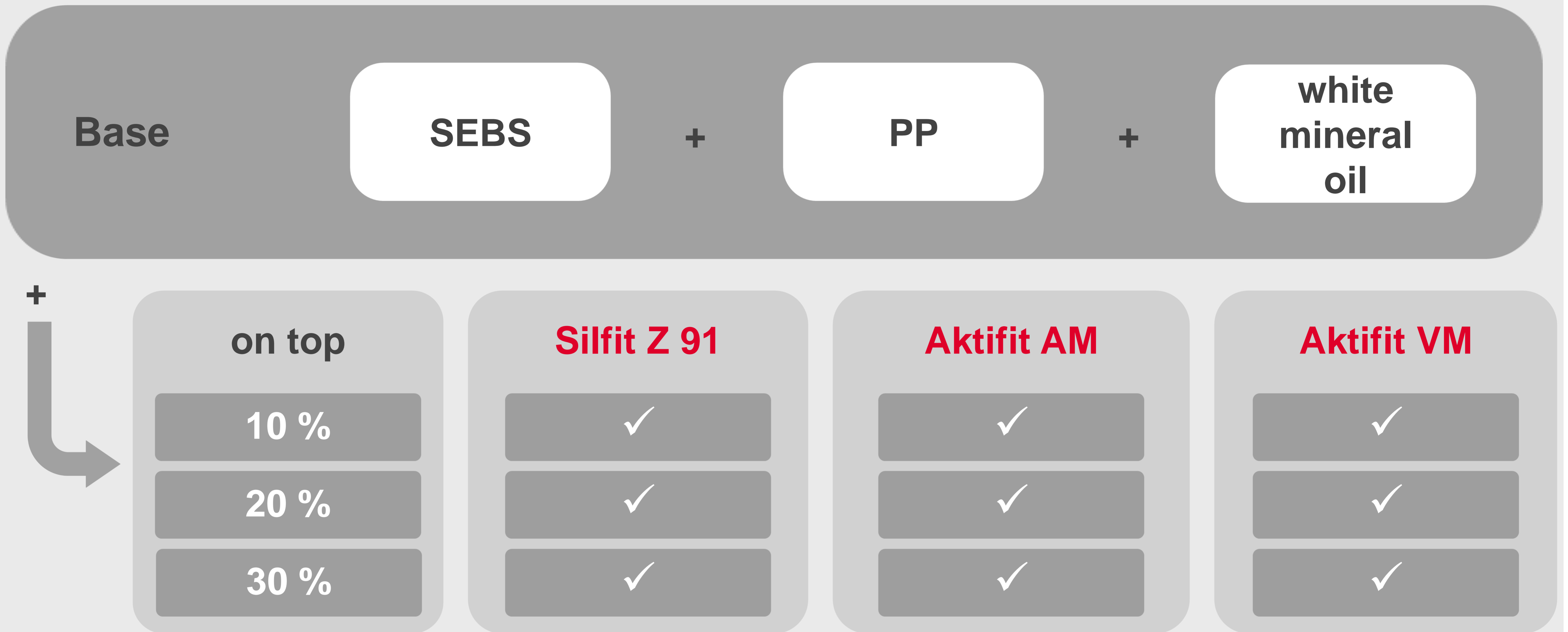
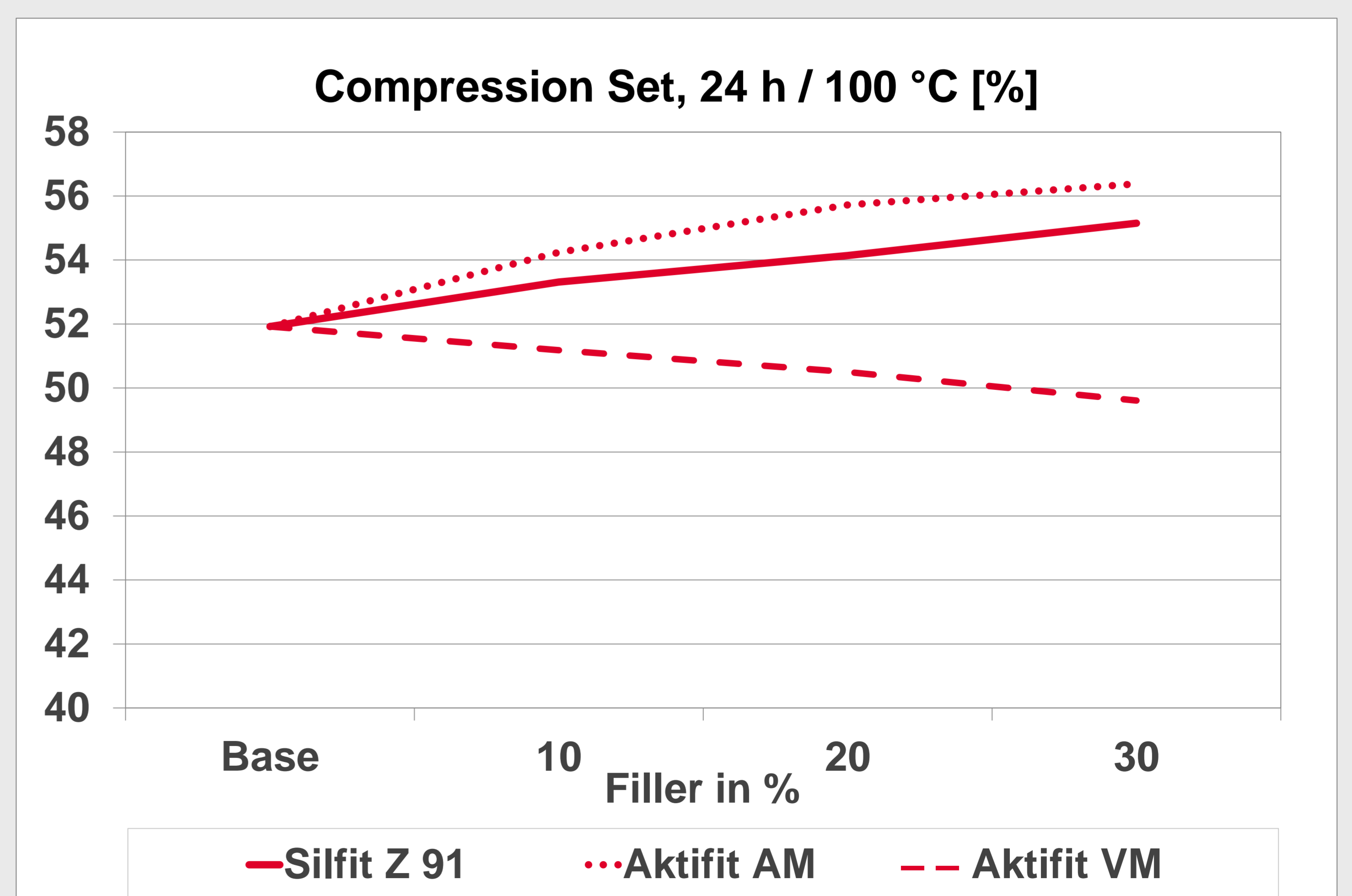
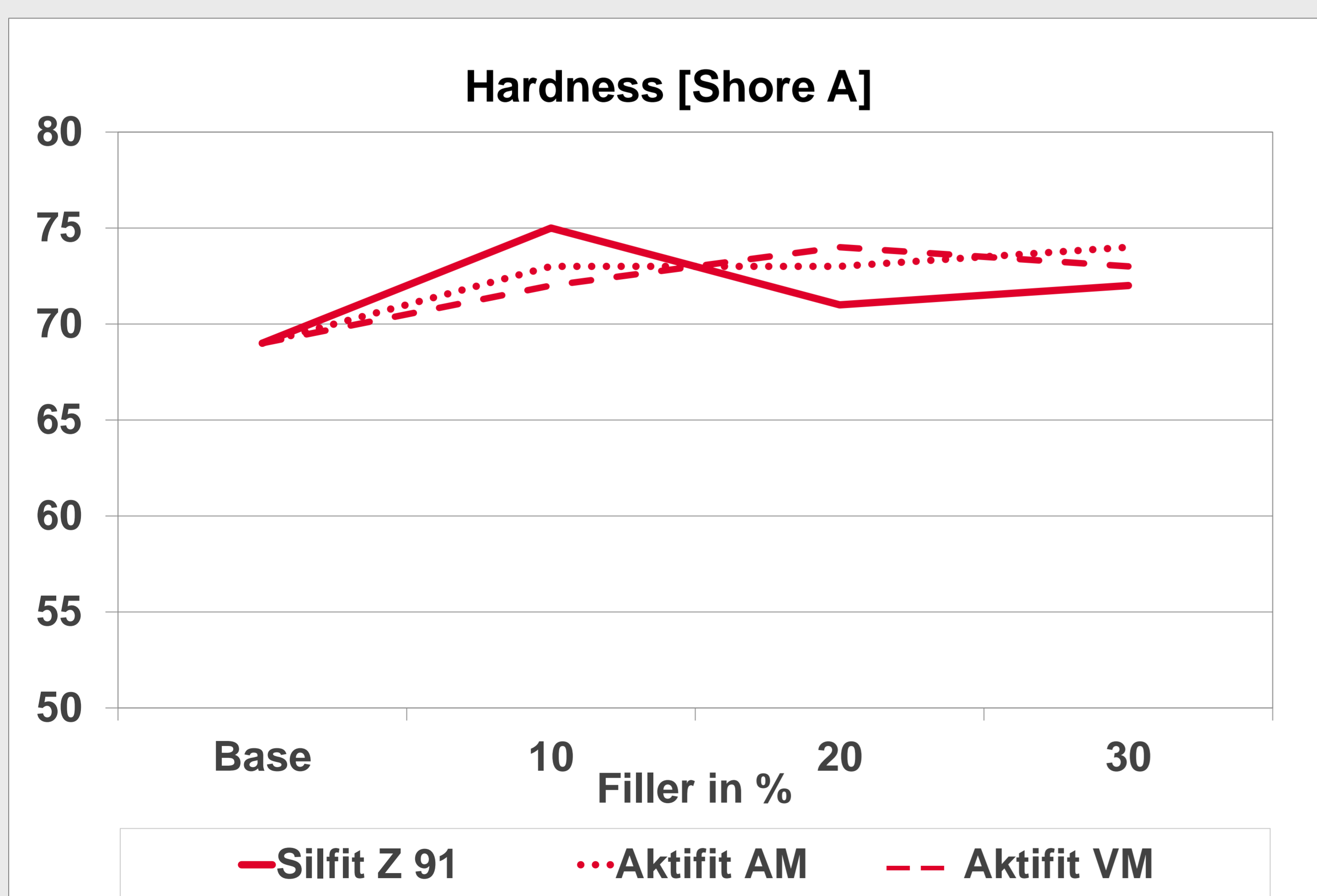
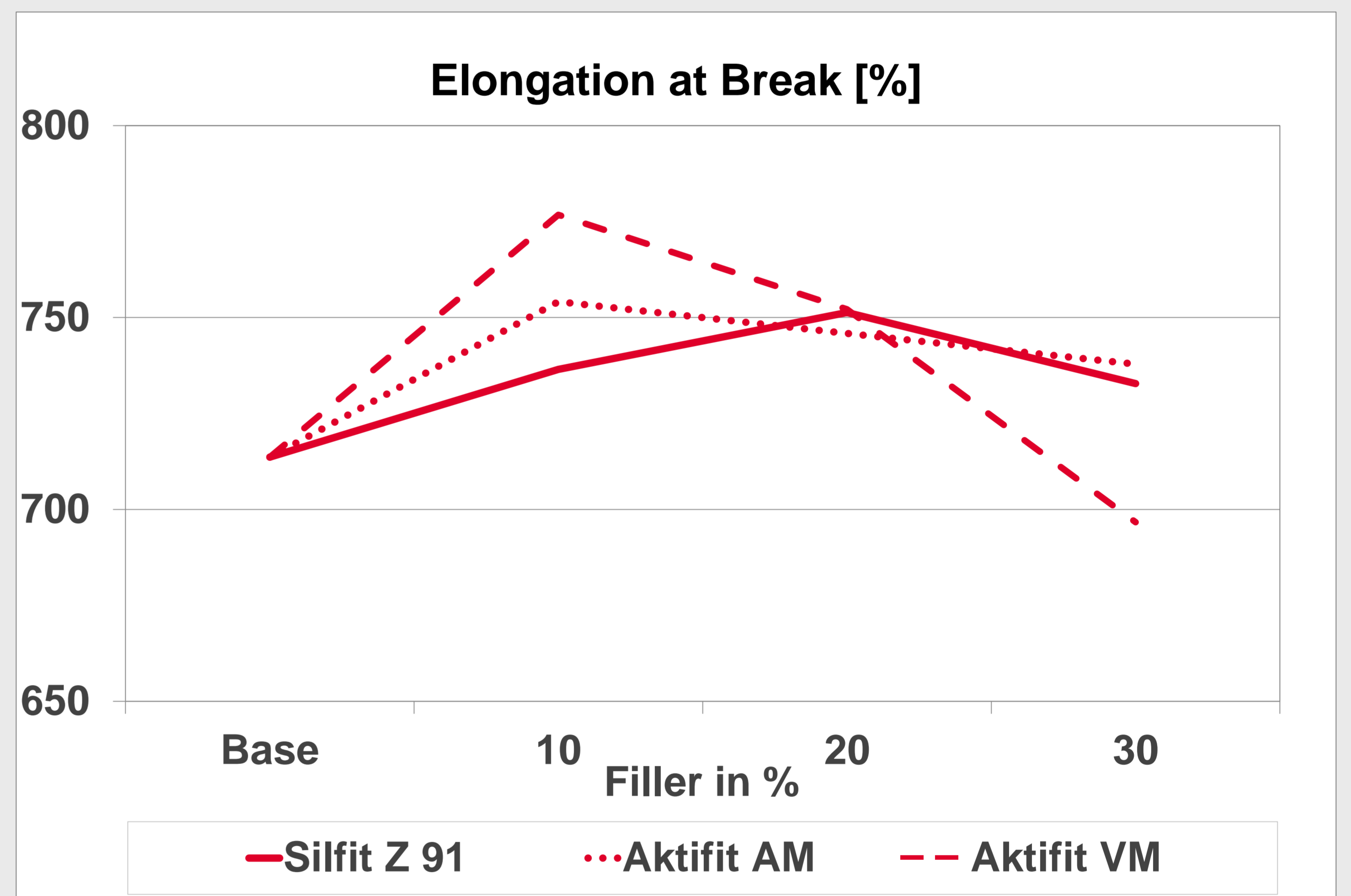
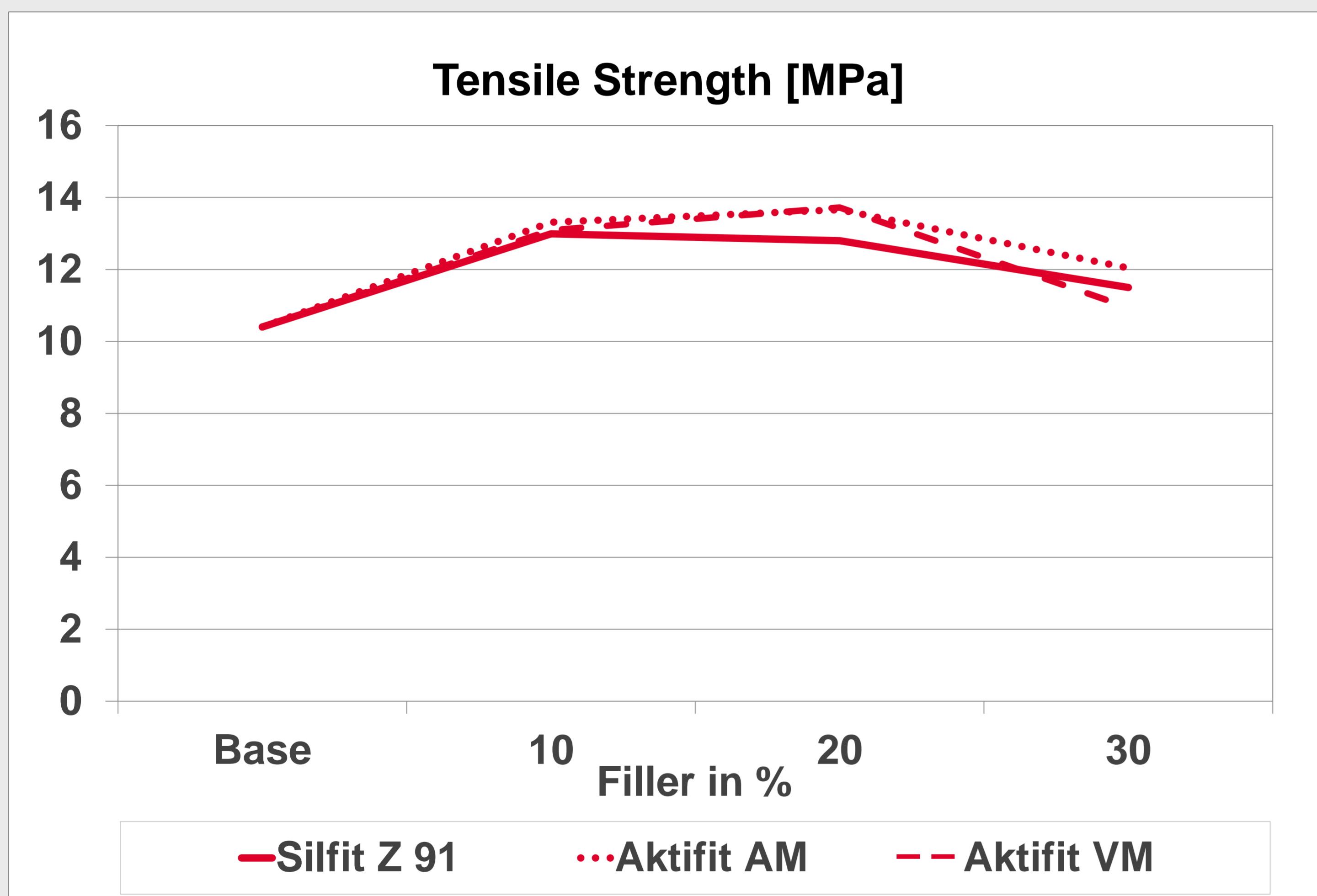


CALCINED NEUBURG SILICEOUS EARTH IN TPE-S (SEBS)

FORMULATION



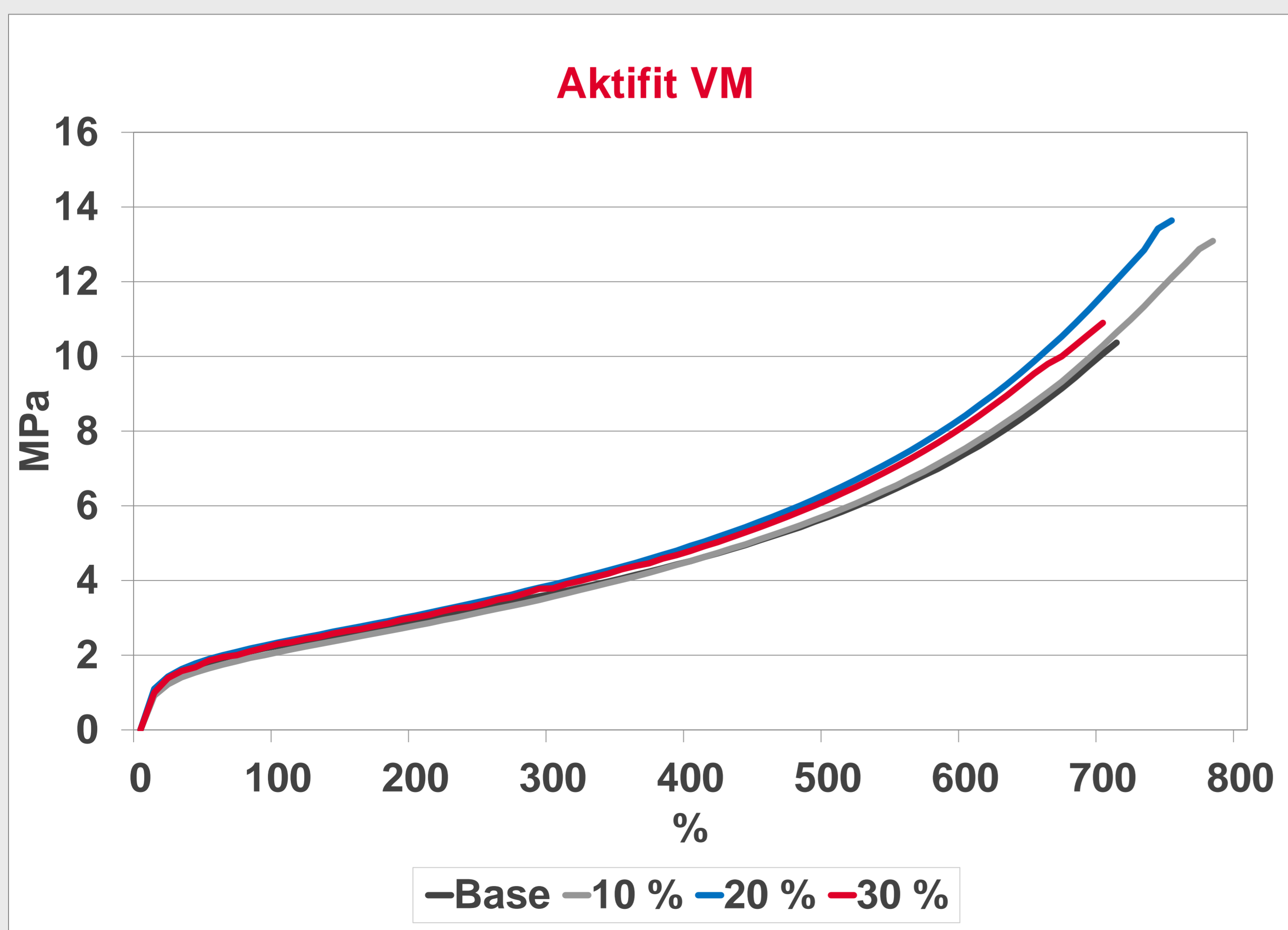
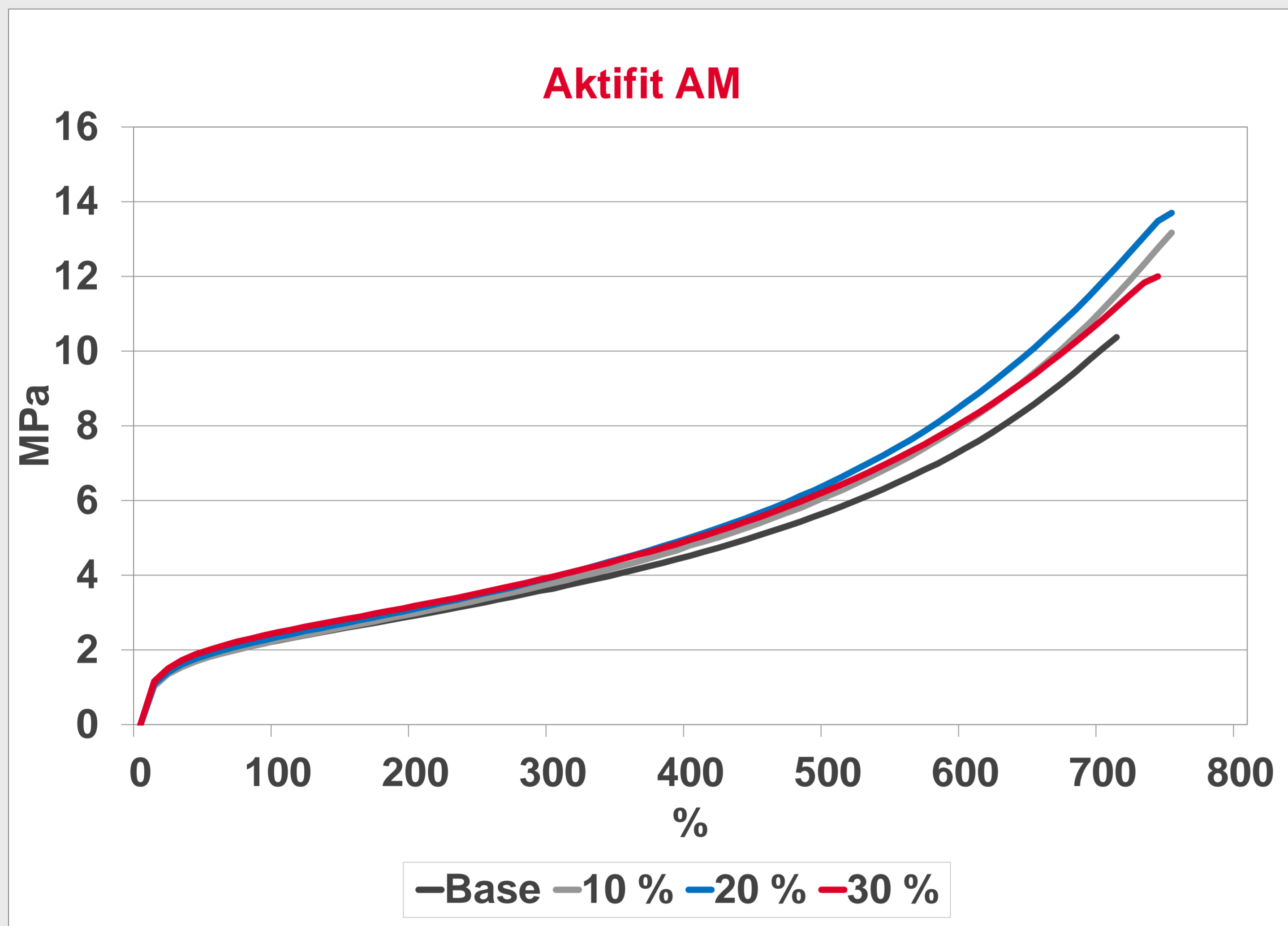
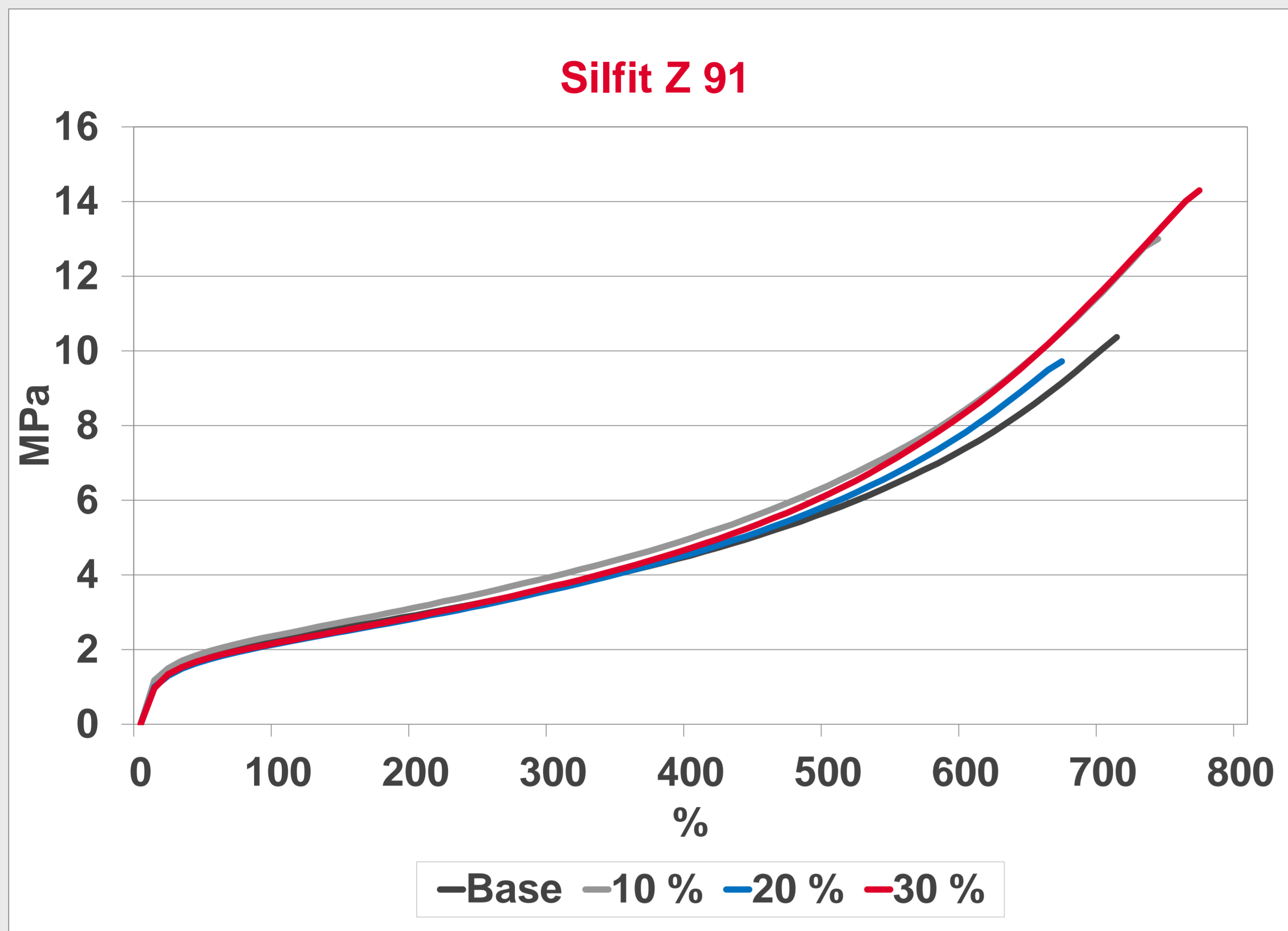
MECHANICAL PROPERTIES IN DEPENDANCE OF FILLER LOADING



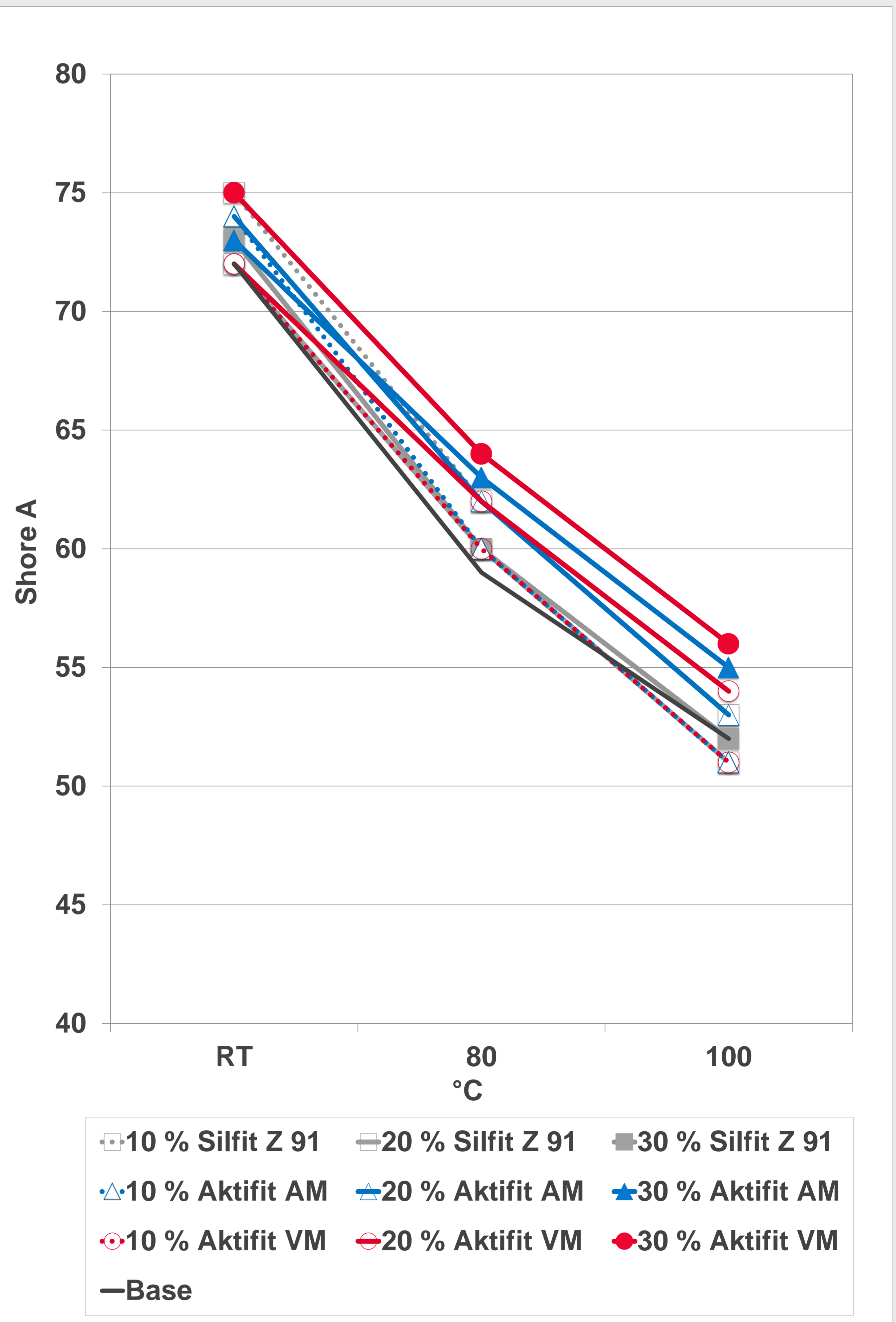
CALCINED NEUBURG SILICEOUS EARTH IN TPE-S (SEBS)

RESULTS

Stress-Strain-Diagrams in Dependence of the Filler and its Loading



Hardness at Elevated Temperatures



SUMMARY

Filler addition

- Increases tensile strength and elongation at break

Calcined Neuburg Siliceous Earth

- Increases modulus at high elongation

Best performing CNSE: Aktifit VM

- Slight improvement of compression set
- Highest hardness at elevated temperatures