

Figure S1. Load in dependence on time for pure PVC and the highest filler loading 34Ba.

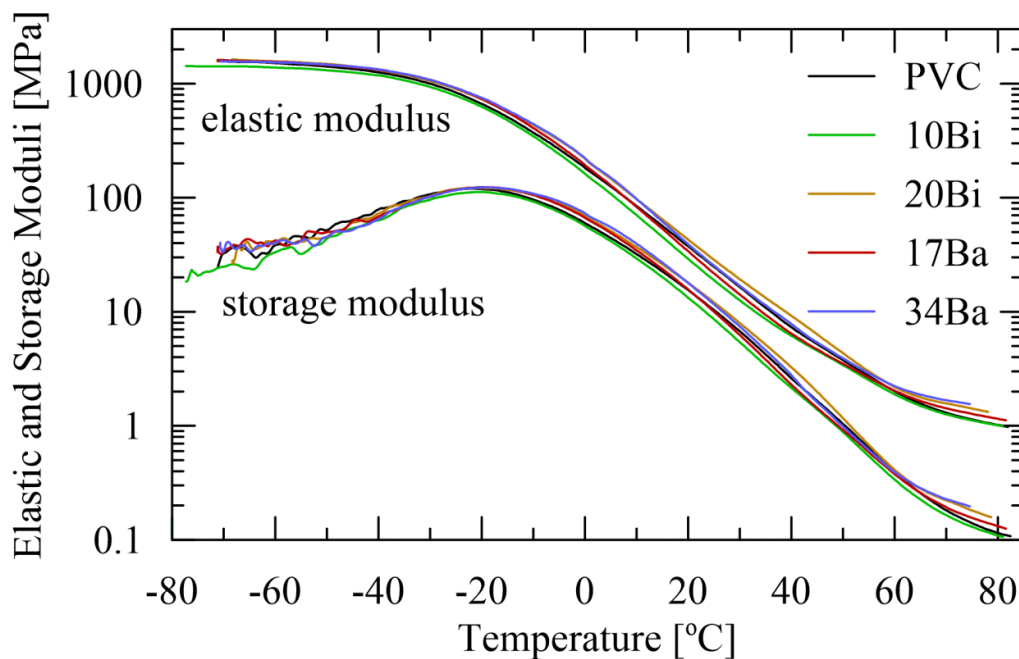


Figure S2. A comparison of viscoelastic behaviour of pure PVC and all four compounds.

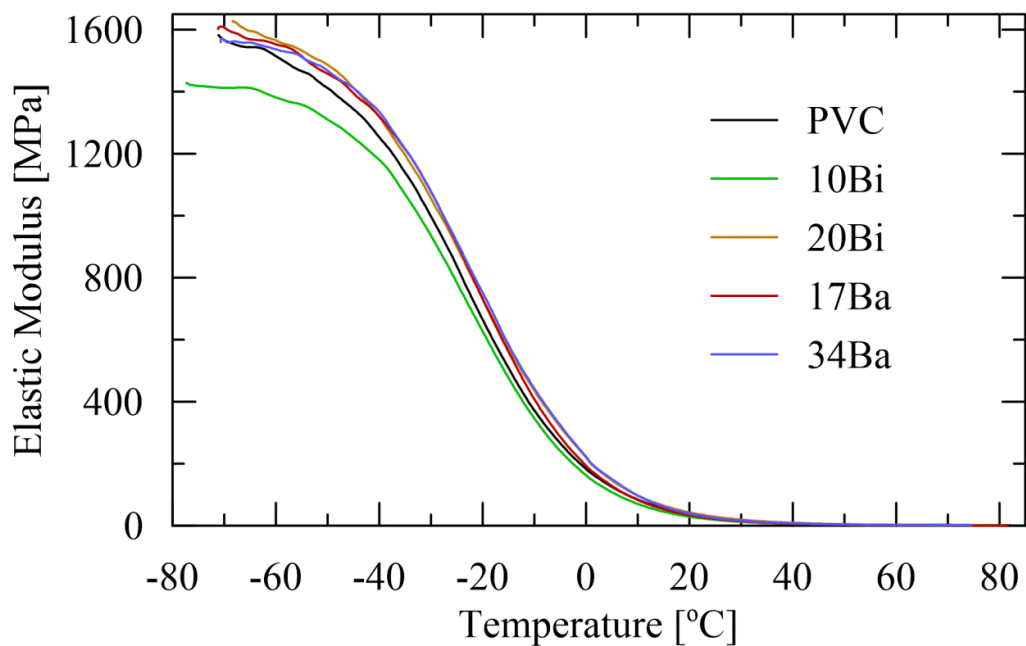


Figure S3. A comparison of elastic moduli of pure PVC and all four compounds.

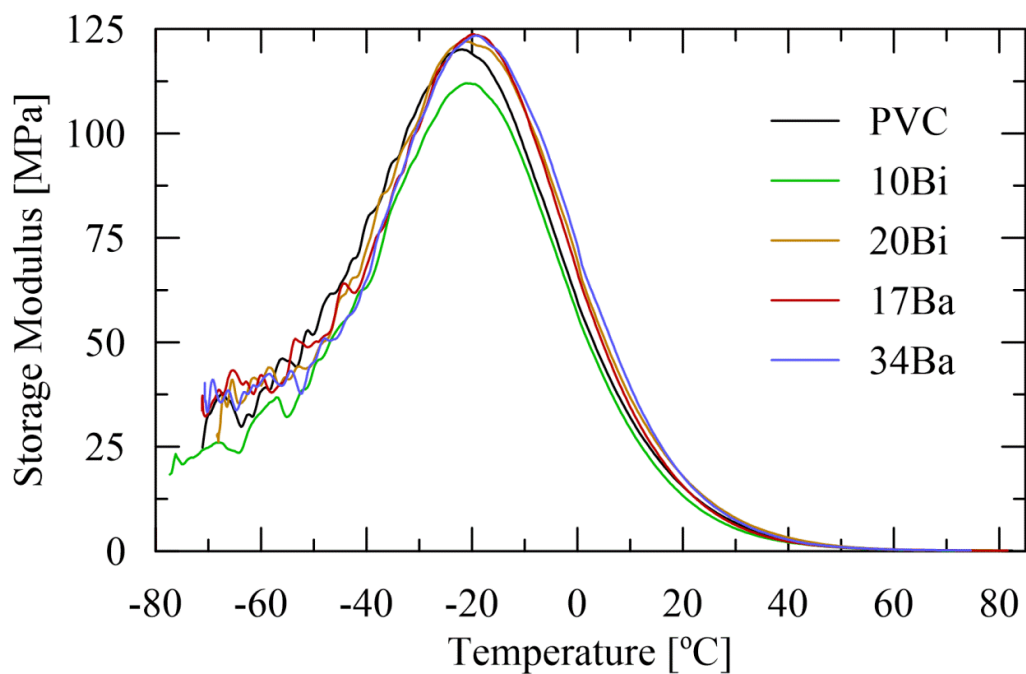


Figure S4. A comparison of storage moduli of pure PVC and all four compounds.

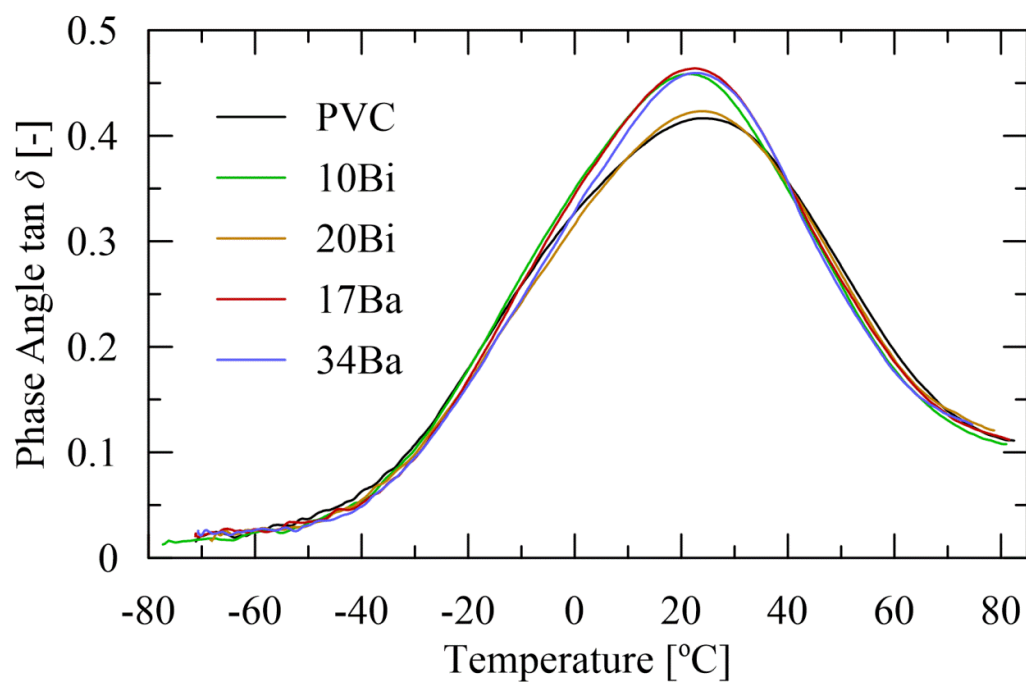


Figure S5. A comparison of phase angles $\tan \delta$ of pure PVC and all four compounds.