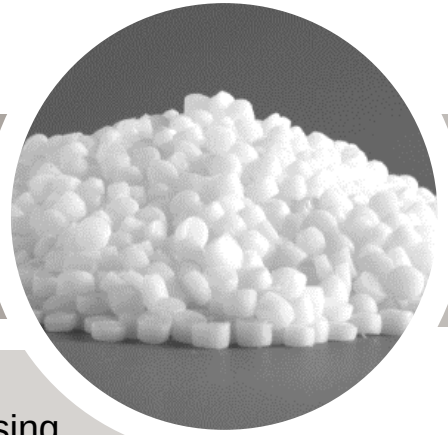
VESTENAMER®
Benefits by Application - Overview

Thermoplastics

Conductive compounds

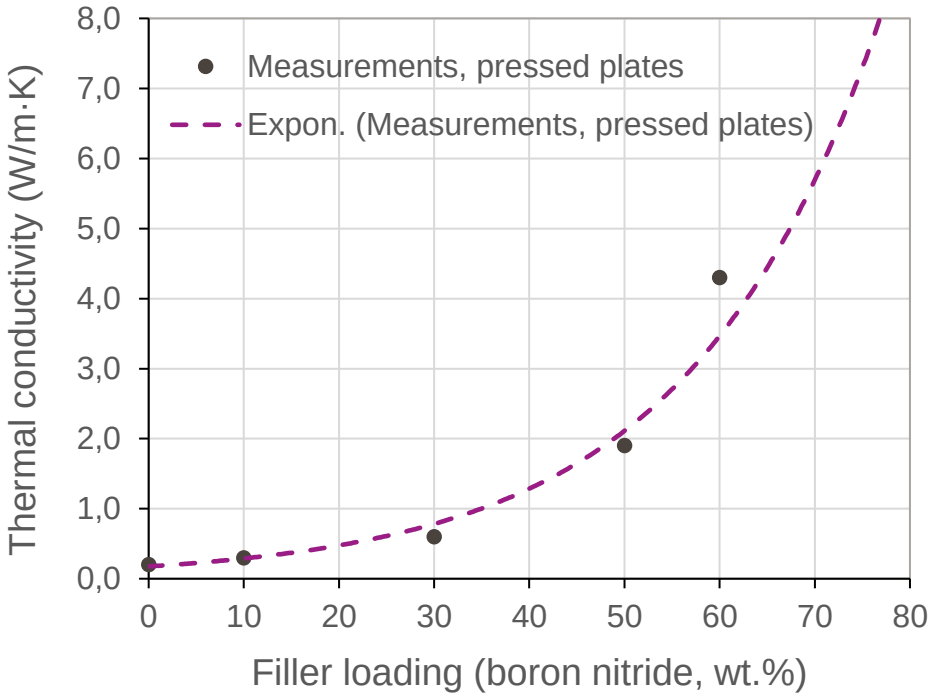


Key benefits

VESTENAMER‘s isolating properties can be modified by using various filler materials to create polymer compounds with tailor-made functionalities. Increased thermal conductivity is achieved by introducing boron nitride, metal oxides, or other typical fillers for polymers. Carbon-based (nano) fillers like carbon black, nanofibers, platelets, or metal powders increase electrical conductivity as well. Crosslinking of VESTENAMER, e.g. with peroxides, gives a further degree of freedom in engineering the properties of the final conductivity-enhanced compound.

- Thermal and electric conductivity can be tuned
- Various organic/inorganic filler types can be used
- Mechanical reinforcement by filler materials
- Low-melting point allows easy compounding
- Cross-linking possible

Thermal conductivity of filled VESTENAMER®



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