



SUBSTANCES

KAIFLEX Insulation Material

KAIFLEX insulation material – e.g. KAIFLEX KKplus, KAIFLEX ST – are closed-cell insulations based on elastomeric foam.

In its foamed form, rubber is used for mattresses, sponges and also for insulating materials.

Rubber is mostly supplemented with fillers such as carbon black, plasticisers, factice, cross-linking chemicals, age-retardants, flame-retardants and pigments or colorants. Other additives are possible depending on the requirement of the final product.

The recipe for KAIFLEX Insulation material (FEF – Flexible Elastomeric Foam) products has the following ingredients:

- PVC/nitrile rubber
- Carbon black
- Fillers
- Flame retarders
- Plastizicer
- Blowing agents
- Processing aids
- Vulcanisation agents
- Others