GARAMITE-7308

Powdered rheology additive based on organophilic phyllosilicates for non-polar to medium-polar solvent-borne and solvent-free systems to increase storage stability and sag resistance.

Product data

Composition
Organophilic phyllosilicates

Typical properties
The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Bulk density: 68–119 kg/m³
Water content: < 6 %

Storage and transportation
To be stored at temperatures below 50 °C. Keep the container tightly closed in a dry and well-ventilated place.

Special note
This additive does not contain raw materials from animal origin.

Applications

PVC plastisols

Special features and benefits
GARAMITE-7308 is a powdered rheology additive based on a composition of organically modified phyllosilicates. It is particularly suitable for the formulation of PVC plastisols.

The combination of different morphological structures increases particle spacing and facilitates dispersion in the liquid phase.

Using GARAMITE-7308 provides the following benefits:
- Pseudoplastic flow
- No impact on the VOC content
- Easy to incorporate
- Broad compatibility with various plasticizers
- Greater effectiveness than precipitated fillers

Recommended use

PVC plastisols	■

■ especially recommended □ recommended

Recommended levels
0.2–5% additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions
GARAMITE-7308 can be incorporated directly into the liquid phase or post-added under moderate shear. It is recommended that the effect of the product on haze, hue, and thermal stability be evaluated in a series of laboratory tests.

Leather finishes and coated fabrics

Special features and benefits
GARAMITE-7308 is a powdered rheology additive based on a composition of organically modified phyllosilicates. It is particularly suitable for the formulation of high solid polyurethanes for coated fabrics.

The special organic modification and more pronounced pseudoplastic flow behavior give GARAMITE-7308 a more temperature-stable viscosity, even at higher curing temperatures. This can lead to an improved expansion rate when using chemical blowing agents.

The combination of a variety of morphological structures increases the particle spacing and makes dispersion in the liquid phase particularly easy.

Using GARAMITE-7308 provides the following benefits:
- Pseudoplastic flow
- No impact on the VOC content
- Easy to incorporate
- Broad compatibility with various plasticizers
- Greater effectiveness than precipitated fillers

Recommended use

High solid polyurethanes	■

■ especially recommended □ recommended

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Data sheet
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