

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	<input checked="" type="checkbox"/>
----------------	-------------------------------------

☒ 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	<input checked="" type="checkbox"/>
--------------------------	-------------------------------------

☒ 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.



**Your local
contact**

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK®-DYNWET®, BYK-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.