

GARAMITE-2578

Powdered rheology additive for solvent-borne and solvent-free coating systems to increase the 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: approx. 90 kg/m³

Water content: < 6 %

Specific weight: 1.5-1.7 g/cm³

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

To be stored and transported at a temperature below 40 °C.

Applications

Coatings Industry

Special Features and Benefits

GARAMITE-2578 is a rheology additive that can be used in all solvent-borne and solvent-free coating systems as a result of its very broad compatibility.

GARAMITE-2578 has the following special features and benefits:

- Pseudoplastic flow
- Improved sag resistance
- Improved anti-settling
- Supports orientation of effect pigments

As a result of its high bulk density, it is easy to use, and displays no shear sensitivity.

GARAMITE-2578 is recommended for the following applications.

Architectural coatings	☒
Industrial coatings	☐

☒ especially recommended ☐ recommended

Recommended Levels

0.3-2 % additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be incorporated in different ways. Either disperse GARAMITE-2578 directly in the millbase or add it as a 10-15% paste in solvent to the millbase or letdown. The additive should be incorporated into the solvent at sufficient shear force. When adding during the milling process, we recommend pre-dispersing in the binder and solvent at moderate shear force before adding the pigments and fillers. The effect of GARAMITE-2578 can be further increased by adding a booster or small quantities of a polar solvent or water.



Additive Guide



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