



长兴广达新型材料有限公司
Changxing Guangda New Materials CO.,LTD

GDGEL-S17 RHEOLOGICAL ADDITIVE

Description GDGEL-S17 is an organo clay (modified montmorillonite), designed especially for use in solvent based system. It is especially recommended to be used in high polarity resins such as epoxy, and high alcohol percentage solvent systems. It is suggested to be used to replace Bentone27.

Properties

| | |
|------------------------------|--|
| Composition | Organic derivative of a montmorillonite clay |
| Appearance | Fine light powder, |
| Moisture content (105°C,2hr) | ≤3.5% |
| Loss on ignition (1000°C) | 40% Max |
| Bulk density | 0.48-0.53g/cm ³ |
| Fineness (<74 μ m, %) | ≥98% |

Advantages

- High gelling efficiency
- Produce reproducible thixotropic consistency over a wide temperature range
- Imparts particle suspension, preventing hard settling of pigment and fillers
- Exerts strong film reinforcing action in organic binder systems

Application

In solvent based paint. It is mainly suggested to be used in industrial paint such as marine paint, container paint, anti-corrosion paint and anticorrosive paint.

Using

GDGEL-S17 can be added directly in powder without polar activator and making pre-gel. But better performance may achieved if polar activator is added and pre-gel procedure is affected. The addition is recommended to be before grinding procedure to get the best effectiveness. Addition level is commonly 0.2%~1.0%.

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**Package
&Storage**

Kraft paper bag with PE liner or multi-wall paper sacks or customized. 25kg/bag or 50LB/bag or customized. GDGEL-S17 has a shelf life of 24 months, and should be stored in ventilated cool and dry place.

Notice

The information on use is based on data which are believed reliable, but any recommendation or suggestion made is without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the conditions that purchasers shall make their own tests to determine the suitability of such products for their purpose and that all risks are assumed by user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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