



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

GDGEL-W21 RHEOLOGICAL ADDITIVE

Description GDGEL-W21 is modified bentonite. It is used in water-borne system. Compared with GDGEL-W20, GDGEL-W21 has better performance of thixotropy, transparency and dispersion.

Properties	Composition	Inorganic modified montmorillonite clay
	Appearance	Fine powder, white
	Moisture content (105°C, 2hr)	≤10%
	Bulk density	0.40~0.60g/cm ³
	Fineness (<74μm, %)	≥98%
	Viscosity, 3% in water, mPa.S	≥10000

Advantages

- High gelling effectiveness, GDGEL-W21 can form gel even at 2% in water
- Easy dispersing
- Prevents pigment setting
- High thixotropy, good anti-sag property
- Gel is transparency and of light color

Application

- Industrial water reducible paint
- Toothpaste and tooth polish
- Cream and Lotions
- Emulsion paint
- Cream and Lotions
- Water-borne sealant, adhesive

GDGEL-W21 it can be added directly in powder, with its addition to be 0.2~3.0%.
Procedures are as follow.

Using

1. water (PH:7.0-8.0)
2. GDGEL-W21 (Dispersing at high speed for 20-30minutes)
3. Additive
4. Pigment and filler (Mixing and dispersing)
5. Emulsion (Mixing).
6. Post correct.

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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-W21 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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