



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

## GDGEL-S18 RHEOLOGICAL ADDITIVE

**Description** GDGEL-S18 is a kind of organo clay rheological additive. Especially it is recommended to be applied in medium polarity and high polarity system including aromatic and aliphatic solvent.

<b>Properties</b>	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	0.40-0.60g/cm <sup>3</sup>
	Fineness (<74 μ m, %)	≥98%

**Advantages**

- Easy dispersing, fine particle size
- High purity and low silica content
- High viscosity and thixotropy
- Eliminate polar activator in medium and high polarity solvent
- Wide application range. It can be applied in almost all resins and solvents

**Application**

- Paints including decorative paint, industrial paint
- Oil drilling mud
- Grease
- Ink
- Oil Putty

**Using** GDGEL-S18 can be added directly in powder under high shear condition. The addition is recommended to be before grinding procedure to get the best effectiveness. Addition level is commonly 0.2%~1.0%. In low polarity system such as mineral spirit, if polar activator is added, better efficiency can be achieved. Dosage of polar activator is suggested to be 10%-20% of GDGEL-S18 by weight.

Add : Wushangang Town, Changxing County ,Huzhou City, Zhejiang, China

Website : [www.gdgel.com](http://www.gdgel.com)

TEL : 86-572-6513637

E-mail: [gdgel@gdgel.com](mailto:gdgel@gdgel.com)

FAX:86-572-6513637

---

**Package  
&Storage**

Kraft paper bag with PE liner or multi-wall paper sacks or customized. 25kg/bag or 50LB/bag or customized. GDGEL-S18 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.

---

Add : Wushangang Town, Changxing County ,Huzhou City, Zhejiang, China

Website : [www.gdgel.com](http://www.gdgel.com)

TEL : 86-572-6513637

E-mail: [gdgel@gdgel.com](mailto:gdgel@gdgel.com)

FAX:86-572-6513637