

New innovation **GBsuperpigments**

Product details

our new non dusty **GBsuper** pigments

are unique pigments in dry powdered form that are self dispersing in aqueous systems. This unique product makes milling unnecessary, allowing the pigments to be added directly to the system, making production easier and more cost-effective.

our new non dusty **GBsuper** pigments are ideal for the system where additional water input is critical.

Main Applications :
Pigment Dispersion
Architectural Coatings
Cement And Concrete
Textile,Leather , ruber, paints.....etc



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Please note GBsuper pigment can be used directly on any paste while gentle stirring .

Usage method

- Stir GBsuperpig. in approximate quantity of water under stirring
- Maintain ph to 8.5-9
- Charge the binder and additives into the dispersed pigment under stirring
- You may use appropriate humectant or co-solvent if required in your formulation.

Applications

- **Textile printing :**

Color paste :

TO Dissolving GBsuper pig.:

* e.g.Take **(40 - 210 g)** Water Then add Slowly , **(5 - 30 g)** GBsuper pig powder

under stirring to form color solution

Then Add

Textile Stock thickening paste (955 -760 g) under stirring to the color solution,

Continue high speed stirring for 10 minutes

adjusting viscosity by water or GBsyn.Thickener GP. Check shade and then Printing on cotton, fixation 5 min at 150 deg.

***Only for black min. 20g / Kg GBemulsphire OU**

Textile Stock thickening paste guide recipe :

Water
GBemulsphire OU	10 – 20g
GBsyn.Thickener GP	12 g
GBbinder ETOW	90 – 150
	<u>g</u>
	1000 g



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طريقة الازابة :

* يوضع اللون (+ 8 اضعاف الكمية ماء) على الماء مع التقليب ثم توضع عجينة الطباعة عليها مع التقليب لمدة 10 دقيقة (القوام يعدل باستخدام المتخن او الماء). viscosity 70-80
* التأكد من اللون علي عينه قماش صغيره ثم الطباعة ثم تثبيت لمدة ٥ دقائق على حرارة ١٥٠ درجة مئوية. * فقط في حالة الاسود يفضل اضافة كمية مضاعفة من الاملسفير .

- Water based paints, inks
- Building and construction
- Leather
- Paper and pulp
- Detergents
- Artists colours

Advantages

- No grinding required
- Compatible with most commonly used Binders / Dispersions / Emulsions
- Can be easily stirred directly into application medium
- Can be easily blended to get the desired shade / colour
- Contains no organic solvents
- Non dusting free flowing powder
- Excellent rheological properties
- Longer storage stability
- Saving in energy cost
- No wastage
- Increase production manifold without additional investmen.

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New pigment powder innovation:

- Made from organic-dyes
- Easy dispersing pigments in free flowing powder form
- Compatible with most commonly used Binders / Dispersing / Emulsions
- Can be easily stirred directly into water or binder
- Can be easily blended to get the desired shade / color
- Water based paints, inks- Building and construction- Leather- Paper and pulp- Detergents- Artists colors
- No grinding required- Contains no organic solvents- Non dusting free flowing powder- Excellent rheological properties - Longer storage stability- Saving in energy cost- No wastage
- Increase production manifold without additional investment.

Ecology:

We confirm that the range of **GB**super pigments are free of PVC (Polyvinyl chloride) and APEO (alkylphenolethoxilates)



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