

## Technical Specification

### **GBsuper pig. Red**

**Product Name** : **GBsuperpig. Red**  
**Shade** : **Red**  
**Chemical class** : **Mono-azo org.dyes**

#### Physical Property

**From** : **Free flowing powder**  
**Pigmentation** : **55%**  
**Bulk density** : **1.2**  
**PH** : **8 to 8.5**

#### Field of application: ( for water based applications)

Useful for coloring following fields of application.

- Water based paints
- Water based inks
- Building and construction
- Leather
- Paper and pulp
- Detergents
- Artist's colors
- Textile printing
- How to make cement cube from **GB** super pig i.e. "Colored Concrete"?
  - 5000 grams sand,
  - 5600 grams of gravel,
  - 1666 grams of cement
  - 1.33 liters of water
  - 22 grams **GB**super Pigment
- Quality and durability test applied to that cubes & the result is very good



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**Product name:** GBSuperpig. Red

**Reduction:**

**1- pigment Application**

Offset	: √
Gravure	: √
Flexo	: √
TPC Inks	: √
Emulsion Paint	: √
Air Drying Enamel	: √
Stoving Enamel	: √
N.C Lacquer	: √
O.B. D	: √
Distempers	: √
Plastics	: •
Leather Cloth	: √
Rubber	: •
Aqueous Emulsion	: √

**3- Pigment Properties**

Specific Gravity	: 1.4
Oil Absorption (gm/100gms)	: 50
pH of 1 % extract	: 7
Reagents (Sacle:1 to 5)	
Water	: 5
5%HCl	: 5
5%NaOH	: 5
Lime	: 4
Solvents (Sacle:1 to 5)	
Ethanol	: 5
N-Butanol	: 5
N-Buty Acetate	: 4
M.E. K	: 4
Plasticizers (Sacle:1 to 5)	
White Spirit	: 3
Xylene	: 3
Mixed NC Solvents	: 3
Cellosolve	: 3

**2- Legends Used**

- √ Recommended for use
- × Not Recommended
- Some Rrestricted Use

**4- Fastness Properties**

<b>Light (1 to 8)</b>	
Full strength	: 7
Reduction 1:10 Tio2	: 6
<b>Heat (1 to 5)</b>	
150° C (300 F) 20 min	: 5
180° C (355 F) 10 min	: 4
120° C (300 F) 30 min	: 5
N.C.Lacquer	: 4



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