

Technical Specification

GBsuper pig. Red

<u>Product Name</u>	: 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 GBsuper Pigment
- Quality and durability test applied to that cubes & the result is very good

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	: √

2- Legends Used

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

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

4- Fastness Properties

Light (1 to 8)	
Full strength	: 7
Reduction 1:10 Tio2	: 6
Heat (1 to 5)	
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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