

# GCT

## TECHNICAL DATA SHEET

Basic Details	
Product Code	HD-FGR
C. I. Name	Pigment Red-112
C. I. Number	12370
CAS Number	6535-46-2
EINECS Number	229-440-3
Chemical Formula	C <sub>24</sub> H <sub>16</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>2</sub>

Mass Tone	Tint Tone(1:20 TiO <sub>2</sub> )

Chemical Constitution	Permanent Red FGR
Chemical Classification	Organic pigment

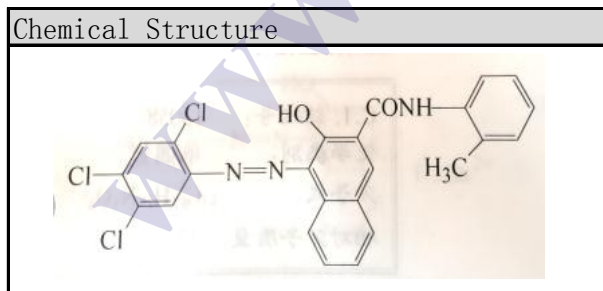
Recommended application	painting , printing ink
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Physical Properties	
Physical Form	Powder
Colour	red
Odour	Odourless
PH of Aqueous Extract	7.0-8.0
Specific Gravity	1.2
Oil Absorption Value	40-50 ml/100g
Moisture Content(%)	≤1.0%
Water Solubility	≤1.5%
Sieve Residue(120 Mesh)	≤5.0

Solvent Resistance(1-5 Scale:1 Poor,5 Excellent)	
Water Resistance	5
Oil Resistance	5
Acid Resistance	4
Alkali Resistance	5

Fastness Properties(1-8 Scale:1 Poor,8 Excellent)	
Light Fastness	8
Heat Fastness	180°C

Packing Details	
Bag Type	HDPE: ✓ Paper: ✓
Bag Size	25KGS
Also available as per requ	✓



Available Forms	
Powder: ✓	Press Cake: ✗

**Disclaimer:** This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described on their suitability for a particular application. Since the performance of a pigment also depends on the additives and polymers used, we recommend that customers should test the suitability of the pigment for their end application. However, if we are provided with testing methods and samples, we would be glad to do the same. We will do our best to provide products of consistent quality, within the scope of the general conditions of sale and delivery. In spite of these precautions, should there be any liability established; the damage, if any, will be limited to the value of the goods delivered by us and used by you. The quality of our products is guaranteed under our general conditions of sale.