

TIANKI (CHINA) ENTERPRISE CO., LTD.



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TECHNICAL DATA SHEET

Product Description:

Product Name: Pigment Yellow TG3R
Color Index: Pigment Yellow 110
C.I.No. 56280
CAS No. 5590-18-1
EC No. 226-999-5
Chemical Nature: Disazo
Chemical Formula $C_{22}H_6Cl_8N_4O_2$

Technical Properties:

a high strength reddish yellow pigment high dispersed and migration resistance etc.

Application:

Recommend: Plastics, coating etc.

Physical Properties

| | |
|-------------------------------|---------|
| Density(g/cm ³) | 1.82 |
| Moisture (%) | ≤1.5 |
| Water Soluble Matter | ≤1.5 |
| Oil Absorption (ml / 100g) | 45-55 |
| Electric conductivity (us/cm) | ≤500 |
| Fineness(80mesh) | ≤5.0 |
| PH value | 6.5-7.5 |

Fastness Properties (5=Excellent, 1=Poor)

| | | | |
|--------------------|---|-----------------------|-----|
| Acid Resistance | 5 | Soap Resistance | 5 |
| Alkali Resistance | 5 | Bleeding Resistance | 5 |
| Alcohol Resistance | 5 | Migration Resistance | - |
| Ester Resistance | 4 | Heat Resistance (°C) | 280 |
| Benzene Resistance | 3 | Light | 8 |
| Ketone Resistance | 4 | Fastness(8=Excellent) | |

Note: The above information is provided as guidelines for your reference only. The accurate effects should base on the test results in laboratory.