

# TIANKI (CHINA) ENTERPRISE CO., LTD.



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## TECHNICAL DATA SHEET

### Product Description:

|                  |  |
|------------------|--|
| Product Name:    | Pigment Yellow RLT   |
| 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 <sub>22</sub> H <sub>6</sub> Cl <sub>8</sub> N <sub>4</sub> O <sub>2</sub> |

### Technical Properties:

a high strength reddish yellow pigment with good resistance to light, weather, heat and migration etc.

### Application:

Recommend: metal decorative paint, automobile paint and latex paint; Plastics, inks and also Art paint, solvent wood etc.

### Physical Properties

|                               |         |
|-------------------------------|---------|
| Density(g/cm <sup>3</sup> )   | 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.**