



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

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## **TECHNICAL DATA SHEET**

### **Direct Yellow 27**

#### **1. Product Name**

C.I. No.: DIRECT YELLOW 27

Chemical Formula: C<sub>25</sub>H<sub>20</sub>N<sub>4</sub>Na<sub>2</sub>O<sub>9</sub>S<sub>3</sub>

Molecular Weight: 680.66

CAS Number: 10190-68-8

#### **2. Physical, Chemical and Resistance Properties**

Appearance: Dark Yellow Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water(%): ≤1

Moisture(%): ≤5

Residues on sieve (80 mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness: 4~5

Soaping Fastness Fading: 2~3

Soaping Fastness Staining: 2~3

Water Logging Fastness Fading: 3~4

Water Logging Fastness Staining: 2~3

Ironing Fastness: 4

Perspiration Fastness Fading: 4

Perspiration Fastness Staining: 2

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness: 2~3

Sulphuric Acid Resistance: 1

Acetic Acid Resistance: 2

Sodium Carbonate Resistance: 3

#### **3. Application**

Dyeing for Cotton, Knit fabric, Silk and Wool

Coloring for PVA, Polyamide and Viscose fiber



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Direct printing for Cotton and Viscose

#### **4.Package**

Packed in 25kgs Carton