



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

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## **TECHNICAL DATA SHEET**

### **Direct Blue 70**

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

C.I. No.: DIRECT BLUE 70

CAS Number: 6428-58-6

Chemical Formula: C<sub>42</sub>H<sub>25</sub>N<sub>7</sub>Na<sub>4</sub>O<sub>13</sub>S<sub>4</sub>

Molecular Weight: 1055.91

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

Appearance: Blue Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water(%): ≤2.5

Moisture(%): ≤5

Residue on sieve (80 mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness: 6~7

Soaping Fastness Fading(40°C): 3

Soaping Fastness Staining(40°C): 2~3

Water Logging Fastness Fading: 4

Water Logging Fastness Staining: 2~3

Ironing Fastness: 4~5

Perspiration Fastness Fading: 4

Perspiration Fastness Staining: 2

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness: 2~3

Sulphuric Acid Resistance: 3

Acetic Acid Resistance: 3~4

Sodium Carbonate Resistance: 3~4

#### **3. Application**

Dyeing and Printing for Viscose Fabric, Cotton and Carpet.

Coloring for paper.

#### **4. Package**



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Packed in 25kgs Bag/Carton/Iron drum