



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

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## **TECHNICAL DATA SHEET**

### **Direct Black 80**

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

C.I. No.: DIRECT BLACK 80

CAS Number: 8003-69-8

Chemical Formula: C<sub>36</sub>H<sub>23</sub>N<sub>8</sub>Na<sub>3</sub>O<sub>11</sub>S<sub>3</sub>

Molecular Weight: 908.78

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

Appearance: Brown Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water(%): ≤0.8

Moisture(%): ≤8

Residues on sieve( 80mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness: 2~3

Soaping Fastness Fading: 3~4

Soaping Fastness Staining: -

Water Logging Fastness Fading: 3~4

Water Logging Fastness Staining: -

Ironing Fastness: 4

Acid Resistance 4

Alkali Resistance 4~5

#### **3. Application**

Dyeing for Cellulose Fiber.

Coloring for Paper and Leathers.

#### **4. Package**

Packed in 25kgs Bag/Iron drum