



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

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## **TECHNICAL DATA SHEET**

### **Acid Red 405**

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

C.I. No.: ACID Red 405

CAS Number: 83833-37-8

Chemical Formula: C<sub>36</sub>H<sub>22</sub>CRN<sub>9</sub>NA<sub>2</sub>O<sub>9</sub>S

Molecular Weight: 854.65

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

Appearance: Dark Red Powder

Shade: Similar to Standard

Tinting strength(%): 200±3

insolubility in water (%): ≤1

Moisture(%): ≤6

Residues on sieve(60 mesh) %: ≤2

The dyeing fastness in wool fabric (Grade) :

Light Fastness :4~5

Soaping Fastness Fading:3~4

Soaping Fastness Staining:4

Perspiration Fastness Fading: 3~4

Perspiration Fastness Staining: 3~4

Dry Rubbing Fastness: 4

Wet Rubbing Fastness: 4

Ironing Fastness: 4~5

Acid Fastness: 4~5

Alkali Fastness: 4~5

#### **3. Application**

Direct Printing and Coloring for Polyamide, PVA,Wool and Silk Fabric

#### **4.Package**

Packed in 25kgs Carton