



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

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## **TECHNICAL DATA SHEET**

### **Vat Black 27**

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

C.I. No.: VAT BLACK 27  
CAS Number: 2379-81-9  
Chemical Formula: C<sub>42</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>  
Molecular Weight: 665.65

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

Appearance: Black Powder  
Shade: Similar to Standard  
Tinting strength(%): 50  
Residues on sieve(μm) : ≤3  
Dispers: ≥3

The dyeing fastness in cotton fabric (Grade) :

Light Fastness:7  
Light Fastness(1/12):6  
Soaping Fastness Fading:4~5  
Soaping Fastness Staining:5  
Chlorine Fastness: 4~5  
Oxygen Fastness: 4~5  
Ironing Fastness:2R  
Ironing Fastness(4h later):3~4R  
Perspiration Fastness Fading:4~5  
Perspiration Fastness Staining:4~5  
Dry Rubbing Fastness: 4~5  
Wet Rubbing Fastness:4~5  
Mercerization:3Y  
Mercerization Staining:5

#### **3. Application**

Dyeing for Cotton Fibers.  
Coloring for Silk.



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Dyeing for Viscose and Polyester.

#### **4.Package**

Packed in 25kgs Bag.