



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

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## **TECHNICAL DATA SHEET**

### **Vat Black 25**

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

C.I. No.: VAT BLACK 25  
CAS Number: 4395-53-3  
Chemical Formula: C<sub>45</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub>  
Molecular Weight: 668.65

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

Appearance: Black Powder  
Shade: Similar to Standard  
Tinting strength(%): 100±3  
Residues on sieve(μm) : ≤3  
Dispers: ≥4

The dyeing fastness in cotton fabric (Grade) :

Light Fastness:8  
Light Fastness(1/12):7  
Soaping Fastness Fading:4~5  
Soaping Fastness Staining:5  
Chlorine Fastness: 4  
Oxygen Fastness: 4~5  
Ironing Fastness:4Y  
Ironing Fastness(4h later):5  
Perspiration Fastness Fading:3~4  
Perspiration Fastness Staining:4~5  
Dry Rubbing Fastness: 4  
Wet Rubbing Fastness:3  
Mercerization:4~5  
Mercerization Staining:5

#### **3. Application**

Dyeing for Cotton Fibers.  
Coloring for Silk and Wool.



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#### **4.Package**

Packed in 25kgs Bag.