



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Acid Black 1

1. Product Name

C.I. No.: ACID BLACK 1

CAS Number: 1064-48-8

Chemical Formula: C₂₂H₁₄N₆Na₂O₉S₂

Molecular Weight: 616.49

2. Physical, Chemical and Resistance Properties

Appearance: Black Red Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water (%): ≤1

Moisture(%): ≤5

Residues on sieve(80 mesh) %: ≤5

The dyeing fastness in wool fabric (Grade) :

Light Fastness : 6~7

Soaping Fastness Fading: 4~5

Soaping Fastness Staining: 4

Water Logging Fastness Fading: 4~5

Water Logging Fastness Staining: 4

Carbonization: 4~5

Perspiration Fastness Fading: 4

Perspiration Fastness Staining: 1

Crabbing Fading: 4

Crabbing Staining: 1~2

Dry Rubbing Fastness: 4

Wet Rubbing Fastness: 2~3

Dryclean: 4~5

Ironing Fastness: 4~5

3. Application

Coloring for Silk, PVA, Wool and Polyamide

Direct printing for Silk, PVA, Wool and Polyamide



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Dyeing for Paper, Soap, Wood, Leather and Biologicals

3. Package

Packed in 25kgs Carton