



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Direct Blue 1

1. Product Name

C.I. No.: DIRECT BLUE 1

CAS Number: 2610-05-1

Chemical Formula: C₃₄H₂₄N₆Na₄O₁₆S₄

Molecular Weight: 992.81

2. Physical, Chemical and Resistance Properties

Appearance: Blue Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water(%): ≤1

Moisture(%): ≤8

Residues on sieve(80mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Insolation Fastness 3

Soaping Fastness Fading:2~3

Soaping Fastness Staining:2

Water Logging Fastness Fading:3~4

Water Logging Fastness Staining:1~2

Ironing Fastness:4~5

Perspiration Fastness Fading:3~4

Perspiration Fastness Staining:2~3

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness:3

Sulphuric Acid Resistance:3~4

Acetic Acid Resistance:4

Sodium Carbonate Resistance:3

3. Application

Dyeing for Cotton, Viscose, Silk ,Chilon.

Coloring for Leathers and cotton Fabric.

Directly Printing for Cotton and Viscose Fabrics



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4.Package

Packed in 25kgs Bag/Carton/Iron drum