



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Direct Blue 71

1. Product Name

C.I. No.: DIRECT BLUE 71
CAS Number: 4399-55-7
Chemical Formula: C₄₀H₂₃Na₄O₁₃S₄
Molecular Weight: 1029.87

2. Physical, Chemical and Resistance Properties

Appearance: Bluish Gray Powder
Shade: Similar to Standard
Tinting strength(%): 100±3
insolubility in water(%): ≤2.3
Moisture(%): ≤4
Residues on sieve (60 mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness: 4
Soaping Fastness Fading(40°C): 2~3
Soaping Fastness Staining(40°C): 2
Water Logging Fastness Fading: 3
Water Logging Fastness Staining: 2
Ironing Fastness: 4
Perspiration Fastness Fading: 3~4
Perspiration Fastness Staining: 3
Dry Rubbing Fastness: 4~5
Wet Rubbing Fastness: 3
Sulphuric Acid Resistance: 1~2
Acetic Acid Resistance: 3~4
Sodium Carbonate Resistance: 3

3. Application

Dyeing for Viscose Fiber.
Dyeing and Printing for Vinyon Fibers, Cotton Fibers and Carpet.
Coloring for Paper, Soap and Leathers.



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4.Package

Packed in 25kgs Bag/Carton/Iron drum