



QINGDAO SANHUAN COLORCHEM CO., LTD.

RM2301,BUILDING 4,PENGLINANHUA Plaza,
12 LIAOYANG EAST ROAD, QINGDAO,CHINA
EMAIL: michael@cncolorchem.com

TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

TECHNICAL DATA SHEET

Acid Yellow 116

1. Product Name

C.I. No.: ACID YELLOW 116

CAS Number: 12239-18-8

Chemical Formula: C₁₆H₁₅CIN₄O₅S

Molecular Weight: 410.83

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Brown Powder

Shade: Similar to Standard

Tinting strength(%): 200±6

insolubility in water (%): ≤1

Moisture(%): ≤5

Residues on sieve(100 mesh) %: ≤2

The dyeing fastness in wool fabric (Grade) :

Light Fastness :7~8

Soaping Fastness Fading:4~5

Soaping Fastness Staining: 5

Water Logging Fastness Fading: 4~5

Water Logging Fastness Staining: 4~5

Perspiration Fastness Fading: 4~5

Perspiration Fastness Staining: 4~5

Crabbing Fading:3

Crabbing Staining:2

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness: 4~5

Ironing Fastness Fading: 4~5

Ironing Fastness Staining:5

Acetic acid Fastness:4~5

Sulfuric acid Fastness:4~5

Sodium carbonate Fastness: 4~5

3. Application

Dyeing and Printing for Nylon strip and wool strip



QINGDAO SANHUAN COLORCHEM CO., LTD.

RM2301,BUILDING 4,PENGLINANHUA Plaza,
12 LIAOYANG EAST ROAD, QINGDAO,CHINA
EMAIL: michael@cncolorchem.com

TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

Direct Printing for Wool , Silk and Polyamide

Coloring for Blending and Leather

4.Package

Packed in 25kgs Carton