



## TECHNICAL DATA SHEET

### Reactive Black 39MIX

#### 1. Product Name

C.I. No.: Reactive Black 39

CAS Number:

Molecular Formula: C<sub>25</sub>H<sub>14</sub>ClN<sub>10</sub>Na<sub>5</sub>

Molecular Weight: 1021.16

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

Appearance: Powder / granules, Liquid, High purity salt-free

Shade: Similar to Standard

Tinting strength%: 100±3

insolubility in water%: ≤0.02

Solubility: >300G/L

PH: 6-9

The dyeing fastness in cotton fabric (Grade) :

Fastness Data												
Fastness to light ISO 105 B02		Fastness to light ISO 105 B02		Water Severe ISO 105 E01		Chlorinated Water ISO105E3	Perspiration (alkaline) ISO 105 E04		Perspiration (acid) ISO 105 E04		Rubbing ISO 105 X12	
1/1 SD	1/6 SD	Effect	Stain CO	Effect	Stain CO	20mg/l active Chlorine	Effect	Stain CO	Effect	Stain CO	Dry	Wetting
6	-	5	5	5	5	5	5	3-4	5	4	4-5	2-3

#### 3. Application

1,the main recommendation for fixing one-phase printing process under saturated steam conditions

2,suitable for one-phase printing of high temperature steaming or curing fixation

3,suitable for Short steaming process of two-phase printing

#### 4.Package

Packed in 25kgs Carton/50kgs Medium plastic bucket/1000kgs Large plastic bucket.