

## DIKAPHOR DSL-T

### Fluorescent Brightener for Cellulose fabric

DIKAPHOR DSL-T is a fluorescent brightener, which gives outstanding whiteness to cellulose materials, especially in continuous padding system.

### Characteristics

- ? Brilliant white effects with a slightly violet bluish shade.
- ? Applicable in a wide range of pH.
- ? Good stability to Peroxides, Reducing agents and Resin finishing agents. Therefore, it can be combined with these chemicals.

### Properties

Chemical constitution	: Derivative of 4'4-Diaminostilbene-2'2-disulphonic acid
Appearance	: Pale Yellow Liquid
Ionic	: Anionic
Solubility	: Easily dissolve into water
pH of 1% aq. Sol.	: Weak alkaline

### Stability

Applicable pH range	: 2.5 - 12 (Preferrable, 3-8)	
Sizing agents	: Acidic	... Very Good
	: Neutral	... Very Good
Hydrogen peroxide	: Very Good	
Reducing agents	: Very Good	
Resins and their catalysts	: Good	
Hard water	: Good	
Storage	: Good in Dark / Cool place (must not be exposed to direct sun light)	

### Application

Dyeing material	: 100% cotton broad	Pick up	: 85% (1 dip/1 nip)
DIKAPHOR DSL-T	: 2.0-8.0 gm/L	Padding Temp.	: at room temperature
Sumitex Resin NS-17 (Glyoxal type)	: 50 gm/L	Drying	: 95-100°C X 3 min.
Sumitex Resin M-3 (Melamine-formalin type)	: 20 gm/L	Curing	: 160°C X 1 min.
Sumitex sccelerator MX (MgCl <sub>2</sub> type catalyst)	: 20 gm/L		

- without guarantee -