

DIKAPHOR SA CONC.

C.I. FLUORESCENT BRIGHTENER 90

Dikaphor SA Conc. is an Optical Brightener for cellulosic fibre and gives strong brilliant neutral white effect. It has medium-high affinity and is suitable for Exhaust and padding application. It gives excellent fastness properties.

Solubility	:	Soluble upto 15 g/c in soft boiling water.
Exhaustion	:	Exhaust from both at PH 3 to 12
Affinity	:	Medium-High
Whiteness Shade	:	Neutral White
Method of application	:	Exhaust and Pad Application.

Exhaust Application

<u>M :< Ratio</u>	<u>Concentration</u>	<u>Temperature</u>	<u>Time</u>
1:5 - 40	0.1 - 0.5 %	20 - 50°C	10-20 Mts.

Dikaphor SA Conc. has a slightly less affinity for regenerated cellulose than cotton hence 2-5% Glauber's Salt calcined (O.W.F.) is added and temperature is increased to 40-60°C

Padding Application

<u>Concentration</u>	<u>Temperature</u>	<u>Time</u>
0.5 - 3 g/c	20 - 50°C	5 - 60 Seconds

For regenerated cellulose 1 - 10 g/c Glauber's Salt Calcined is added in the both and temperature is increased to 40 - 60°C

Fastness Properties

Light	:	Good
Heat	:	Very good
Sterility	:	Very good
Organic Acid	:	Good
Inorganic Acid	:	Moderate
Alkali	:	Good
Washing	:	Good
Perspiration	:	Good

Compatibility

Reducing Agent	:	Good
Hydrogen Peroxide	:	Good
Melamine Resin	:	Good
Glyoxal Resin	:	Unsuitable