

**Technical Information
DIKAPHOR AJW**

Optical Brightening Agent for Cellulose Fibers.

- ? High affinity to cellulose fiber like cotton, rayon etc.
- ? Useful for application at high temperatures on cotton, so it is suitable to whitening process for cotton knitted fabric in combination with Hydrogen peroxide bleaching.

General Properties:

Appearance	Yellowish Powder
Ionic	Anionic
Affinity	High
Hue	Brilliant, Natural to bluish whiteness.
pH stability	7 to 12

Application:

1. Exhaustion method.

DIKAPHOR AJW	0.5 - 5.0 % o.w.f.
Glauber's salt	0 - 10 % o.w.f.
Dyeing time	20 - 30 min.
Dyeing Temperature	40 - 60 °C
Liquor ratio	1:5 - 1:50

2. With Hydrogen Peroxide Bleaching.

DIKAPHOR AJW	0.5-5.0 % o.w.f.
H ₂ O ₂ (35 %)	4.0-10.0% o.w.f.
Caustic soda	2.0-5.0% o.w.f.
UNI BRITE Z	0.1-0.5% o.w.f.
Liquor Ratio	1:7 - 1:20
Dyeing Temp. X time	95 - 100°C X 30 - 60 min.

Note : UNI BRITE Z is a one-pack type Bleaching assistance for cellulose fiber incorporated with wetting agent, stabilizer for H₂O₂, Pin-hole inhibitor, Alkali-bulldder for pH adjustment.

- Without Guarantee