

Technical Information DIKAPHOR JGL

Optical Brightening agent for Cellulose

DIKAPHOR JGL is **OBA** for cellulose fabrics especially for Co-application in resin finishing bath due to their highest stability to acidic pH as well as to organic metallic based catalysts.

Physical properties: -

Appearance	: Pale yellowish transparent liquid
Chemical Component	: Derivative of 4,4'-Diaminostilbene -2,2'-disulfonic acid
Ionic	: Anionic
Shade	: Slightly reddish and brilliant whiteness
Solubility	: Good
Affinity	: Slow
Light Fastness	: Good
Heat stability	: Excellent
Washing Fastness	: Good
Applicable lowest pH	: 3 - 3.5
Compatibility	: compatible to various kinds of finishing resins and their Catalysts.

Application: -

1) for Padding method	: Material = 100% cotton fabric
Dikaphor JGL	: 5 - 10gm/L
Padding temp. x time	: 20 - 40°C x 2-10sec.
Pick up	: 80 - 100%
Process	: Pad - dry
2) for Resin finishing	: Material = 100% Cotton broad
Dikaphor JGL	: 5 - 15gm/L
Finishing resin (Glyoxal type):	70 - 100gm/L
Catalyst	: 20 - 30gm/L
Pick up	: 70 - 90%
Padding	: 1 dip x 1 nip
Pre-drying	: 80 - 100°C x 1 - 3 min.
Curing	: 150 - 160°C x 3 - 5 min.
Soaping	: required.

- Without guarantee