

CATOWHITE C

Technical Specification

C.I. No.	: 28
Chemical Composition	: Derivative of 4, 4'-diaminostilbene 2, 2' -disulphonic acid
Appearance	: Free flowing, bulky, Yellow Powder.
pH	: 9.6 + 1
Ionic Character	: Anionic
Solubility	: 70 gm/l

CATOWHITE C finds application in polyamide, wool and silk industries.

APPLICATION:

Polyamide: Goods that have been scoured are bleached and optically whitened in one bath.

CATOWHITE C	: 0.02 – 2%
Sodium Hydrosulphite	: 5 gm/l
Temp	: 70 o - 120 o C
Duration	: 20 - 30 min
Chelating Agent	: 0.1 – 0.5 gm/l

Appearance of green tinge can be due to contact with acidic media, so a neutralizing rinse or weak ammonia rinse is required.

Wool & Silk:

Initially the goods are bleached by peroxide, and then they are taken for whitening with

CATOWHITE C	: 0.1 – 1%
Sodium Hydrosulphite	: 5 gm/l
Temp	: 50 o - 60 o C
Duration	: 30 – 60 min

Cotton:

0.05% - 0.03% **CATOWHITE C** AT 80 o / 90 o C for 30-35 min. **CATOWHITE C** can very well be incorporated with Hydrogen Peroxide bath.

GRADING RECIPE (At 80 o - 90 o C – for 60 minutes)

1.0%	: 2.0% H ₂ O ₂
1.5%	: 3.0% Soda ash
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0.5%	: Wetting Agent
0.5%	: Org Solvent based detergent
0.05%	: 0.30% CATOWHITE C
0.05%	: 0.30% Chelating agent.

CATOWHITE C gives excellent white effects of neutral shade on wool and silk.

All Stock solutions of OWA are very sensitive to light.

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