

CATOWHITE – BMK / WHN

Technical Specification

C.I. No.	: 253
Chemical Composition	: Stilbene Derivative
Appearance	: Free flowing, Bulky, Yellow powder.
pH	: 9 - 10
Ionic Character	: Anionic

CATOWHITE –BMK/ WHN finds application in Polyamide, Polyester, Wool and silk industries.

APPLICATION:

Polyamide:

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

Catowhite BMK/ WHN	: 0.2 – 2%
Catowhite BMK/ WHN	: 5 gm/l
Temperature	: 70 ° C – 120 ° 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 fabric is bleached by peroxide, and then they are taken for whitening with

Catowhite BMK/WHN	: 0.1 – 1%
Sodium Hydrosulphite	: 5 gm/l
Temperature	: 50°C – 60 ° C
Duration	: 30 – 60 min

COTTON:

0.05%-0.3% CATOWHITE-BMK/WHN at 80 °C/90 °C for 30-35 min.

CATOWHITE-BMK/WHN can very well be incorporated with Hydrogen Peroxide bath.

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

1.0%- 2. %	H2O2
1.5% - 3.0%	Soda ash
0.1% - 0.2%	Organic stabilizer
0.5% - -	Wetting agent
0.5% - -	Org solvent based detergent
0.05% - -	0.30% CATOWHITE BMK/ WHN
0.05% - -	0.30% Chelating agent

CATOWHITE – BMK/WHN gives excellent white effects of neutral shade on Polyester, wool and silk.

All Stock solutions of OWA are very sensitive to light.