



MEGA WHITE

NYR FOR CELLULOSICS/POLYIMIDE/WOOL

(Optical brightener for cellulose & polyamide fiber)

Chemical Character

Stilbene derivative

Appearance

Yellowish Powder

Ionic Character

Anionic

pH of 1.0% solution

8.0 +/- 1

Bulk Density

250/300 g/l

Stability

Hypochlorite bleach--- Not stable

Chlorite bleach ----- Not stable

Peroxide bleach ----- Very good

Hydrosulphite bleach --- Very good

Stability with electrolyte Very good

pH stability ----- 4.0 - 12.0

Stability to alkali good

Stability to water hardness good



PROPERTIES:

Megawhite NYR is an Optical brightener with a high affinity and a brilliant white shade. Cotton fiber can be brightened with Megawhite NYR in exhaust procedure. Very good effects are achieved in the peroxide bleach. Megawhite NYR can also be applied for exhaust process in the peroxide bleach and reductive bleach. The brightening result on cotton and polyamide fiber are excellent.

APPLICATION METHOD:

Megawhite NYR can be dissolved by pouring boiling water over it or by boiling for a short time (solubility of 30 g/l lies at 100 C). The diluted solutions or the prepared stock solutions must be protected from direct light.

Megawhite NYR is applied in exhaust method on Cellulose. The polyamide fiber are brightened in exhaust process along with reducing agents.

DOSES:

For Cellulose fiber

Application by exhaust method with the peroxide or reducing agent bleach 0.05% to 0.15% Megawhite NYR

For polyamide fiber

Exhaust method or application in the reductive bleach

0.1% to 0.5% Megawhite NYR

3.0 g/l 6.0 g/l reducing agents

0.5% to 1.0% Acetic acid

pH 4.0- 5.0

30 minute at 98 C Treatment time

rinse hot and cold.

Note : *Our technical recommendations are believed to be correct. But suitability must be checked before individual application. We cannot accept any responsibility for application and process methods which are beyond our control.*