

**CATOWHITE - R**

Technical Specification

C.I. No.	: 199
Chemical Composition	: Styrylbenzene Derivative
Ionic Nature	: Non Ionic
Appearance	: Greenish Yellow in Powder form
pH.(1% Solution)	: 6.5 to 7
Stability	: Stable in Acid Stable in Alkalies Stable in Peroxide Bleach Stable in Hard water
Physical form	: Slightly Greenish Yellow Low viscosity – aqueous suspension
Storage Stability	: <b>CATOWHITE- R</b> is stable for more than 12 months when properly stored in closed container at room temperature. The sediment of dispersion can be easily homogenized by stirring. The solutions of the product should be protected from light.

**MAIN FEATURES**

- Miscible with water in all proportions
- Pumpable formulation – simple handling
- High yield – brilliant white – economical
- Medium to high temperature – stable – wide spectrum of application
- Stable to acid – compatible with finishing components – catalysts
- Exhibits a very high light fastness
- Pad – application with development at low temperature
- Exhaust application with development at low temperature
- Applicable in high grade finishing blends
- Optimum whiteness with uniform quality

**FASTNESS PROPERTIES**

Light		5-6
Washing	95°C	5
Peroxide Bleach	alkaline	5
Chloride Bleach	severe	3
Alkali		5
Acid		5
Sea water		5
Dry heat	30s/180°C	5
	30s/200°C	5

## **APPLICATION**

### **FOR POLYESTER:**

**CATOWHITE – R** has a slight absorption power on polyester at the boil. Suitable carriers promote bath exhaustion and particularly development of the **CATOWHITE – R** on the fiber. Preliminary trials are necessary carriers possess the property of impairing the light fastness. The highest white effects are obtained under H.T. condition (120°C-130°C). in the pad – bake method the recommended temperature is 180°C to 200° C at

fixation time 40-30s. Owing very high fastness to dry heat **CATOWHITE – R** can be applied even at high temperature without impairing whiteness provided the base white is sufficiently stable to heat and lubricants on finishing agents do not cause yellowing.

### **FOR POLYESTER BLENDS:**

**CATOWHITE – R** can be easily applied on polyester blends by a one stage or a multi stage method.

### **DISSOLVING/ DILUTING:**

Thoroughly stirred **CATOWHITE – R** in container before use. It is advisable to dilute it before use. (Take 10 times of its weight of soft-warm water). Stock solution can also be prepared but should be stirred before use. Please do not boil the **CATOWHITE – R** dispersion. Always **CATOWHITE – R** or its solution should be kept away from the light.

**All Stock solutions of OWA are very sensitive to light.**

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