

# Tinopal® CBS-X

Whiter Than White



The Chemical Company

## Tinopal® CBS-X

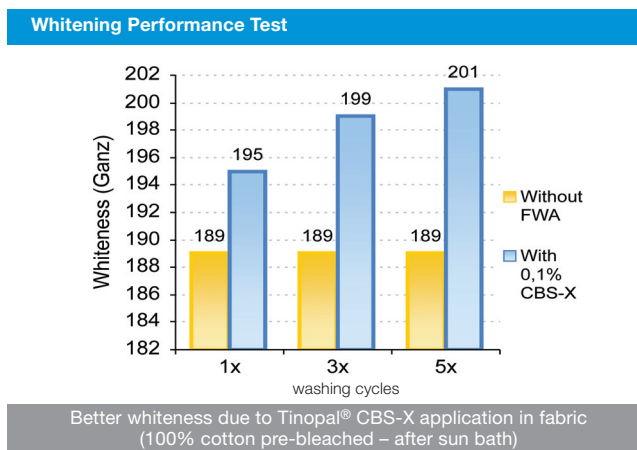
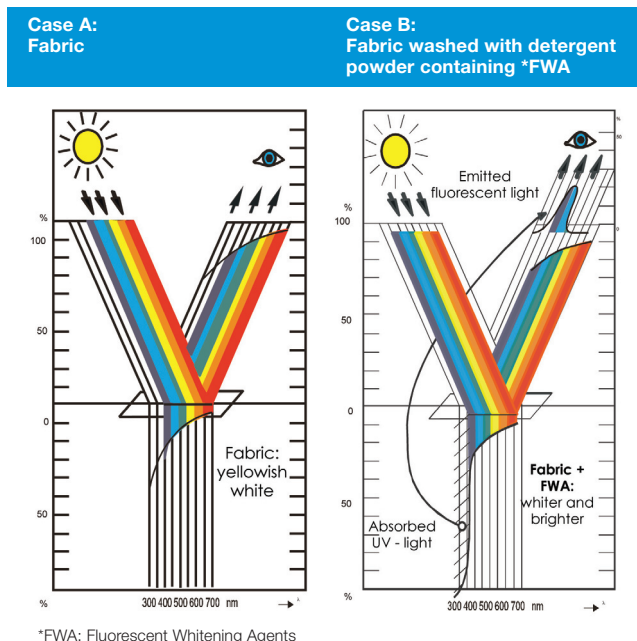
Tinopal® CBS-X is a fluorescent whitening agent which absorbs UV-light and re-emits it as visible blue fluorescence light, thereby increasing the whiteness of a substrate.

### Properties

- High solubility: easy to formulate in all product types
- No staining (pre-spot)
- Good photostability
- Outstanding whitening
- High affinity to cellulosic fibers: high exhaustion rate, no greening after repeated washings

### Benefits of Optical Brighteners

- Achieves high level of whiteness and brightness
- Collaborates to keep the clothes as new ones
- Improves the cleaning efficiency in laundry process
- Prevents greening after multiple washing cycles
- Improves whiteness of power detergent



Applications	Formulations
■ Powder Detergent	0,05 – 0,25 % (Home Care) 0,20 – 1,00 % (I&I)
■ Liquid Detergent	0,05 – 0,10% (Home Care) 0,10 – 0,40% (I&I)
■ Bar Detergent	0,02 – 0,10 %
■ Softeners	0,02 – 0,05 %