

DIKAPHOR AAP - 150

Excellent Optical Brightener for Detergents

1. Applications

DIKAPHOR AAP -150 is a fluorescent whitening agent, which is capable of improving the whiteness of a domestic household detergent itself as well as a laundry when the dye is used with the detergent in washing.

2. Special Features

- (1) Ionic property : Anionic
- (2) Type : A little slow-dyeing
- (3) Shade : Somewhat bluish
- (4) Solubility : Scarcely soluble at normal temperature. About 0.2% is soluble at 80°C. But capable of readily being made a stable emulsified dispersion in cold or warm water. A 10% emulsified dispersion, after being left standing for 4 hours, will not coagulate. No coagulation evens after 8 hours.
- ? Note: As the solubility of a solution is important for improving the efficiency of work at the time of making a detergent, it is desirable to dissolve a dye thoroughly before adding it to slurry. If the dye is added in the form of powder or in a state in which some of it is precipitated. It is mixed as particles, which tend to be yellow spots when they are dried. On the other hand, DIKAPHOR AAP-150 can be mixed quite satisfactorily even when it is added in a form of an emulsified dispersion. If DIKAPHOR AAP-150 is in the form of such an emulsified dispersion, its highly concentrated solution may be added to slurry, and so the amount of heat required for drying is less than usual.
- (5) pH : Neutral
- (6) How much to use : 0.03 - 0.7% O.W.D. (on weight of detergent)
The optimum amount is 0.2 - 0.3% O.W.d.
Simultaneously usable with a Detergent:

DIKAPHOR AAP- 150 is capable of satisfactorily dyeing and whitening various kinds of fibers at a low temperature and in a short time. Even when it is accumulated, the loss in its brightening property is less than usual.

When it is mixed with a detergent, DIKAPHOR AAP- 150 will improve the whiteness of the detergent instead of yellowing it.

DIKAPHOR AAP - 150 has practically no bad effect on the components of the detergent. Nay, these builders will allow DIKAPHOR AAP - 150 to dye a laundry so as to improve its whiteness in a short washing time.

As DIKAPHOR AAP-150 is usable simultaneously with a commercial bleaching agent, and as it has an excellent resistance to heat and possesses such a solubility as to improve the efficiency of work at the time of making a detergent, it is one of the best fluorescent dyes.

Please try our DIKAPHOR AAP - 150.