

Luminophore EBF 250% - 330%

(Fluorescent Whitening Agent for Polyester fibres and their blends)

Chemical Basis	Aqueous dispersion of Thiophene Oxazole derivative
Colour Index Number	FWA C.I. 185
Ionicity	Non-ionic
Form	White dispersion
PH of a 10% dispersion	4.5 to 6.0
Dispersion Properties	Miscible in cold water in all proportions
Shelf life	When stored in its original sealed container, Luminophore EBF , has a self-life of about 1 year.
Light fastness	7 - 8

SPECIAL PROPERTIES

- Outstanding LIGHTFASTNESS effects
- Excellent Whiteness Maximum
- Bright bluish shade
- Luminophore EBF can exhibit very good suitability by exhaustion or padding process.
- Luminophore EBF, as dispersed in water, is neutral and stable to acids and alkalis, giving good optical whitening effect at a wide range of pH value (3.0 to 9.0)
- Luminophore EBF exhausts almost completely under HT conditions. It has low affinity at the boil but uptake can be improved by addition of suitable carriers.
- Excellent compatibility with thermosetting resins

NOTES ON APPLICATION

Exhaust application

In the exhaust process it is recommended to heat the bath rapidly to 90° C, if the product is applied at 100° C, a suitable carrier must be added.

Carrier process 1.0% to 2.0% Luminophore EBF

HT process (30 mins. at 120° C to 130° C) 1.0% to 2.0% Luminophore EBF

Continuous process (Pad Thermosolling)

Luminophore EBF produces an excellent brilliant white effect at thermosol temperatures of 170° C to 210° C for 30 seconds.

Curtains 20 to 40 g/l Luminophore EBF

Knitted fabrics 03 to 40 g/l Luminophore EBF

AS IS THE CASE WITH ALL DISPERSIONS, LUMINOPHORE EBF, MAY TEND TO SETTLE DOWN ON PROLONGED STORAGE. IN SUCH A CASE, SIMPLE STIRRING SHALL RETURN THE PRODUCT TO ITS ORIGINAL FORM.



+91 22 26138053 • 26138054 • 26138055 • 26138056



sales@unitedspecialities.com



501, Man Excellenza, S.V Road, Opp Pawan Hans
Vile Parle (West), Mumbai - 400056, INDIA

The information given herein and otherwise supplied to users is based on general experience and where applicable, on the results of tests on samples of typical manufacture. However, because of the many factors which are outside our knowledge and control which can affect the use of these products, we can not accept liability for any injury, loss or damage resulting from reliance upon such information