



Brilliant Fluorescent Water Based Emulsions BFE-7700 SERIES

An incredibly fine particle fluorescent colorant in emulsion form for use in applications where small particles and low viscosity are desired.

Principal Applications

- Water Flexo inks
- Textiles
- Highlighter inks
- Jet Inks

Product Features and Benefits

- Fine Particle Size Allows for use in applications that require submicron size particles
- Offers excellent light scattering/opacity and washability
- Low Viscosity Allows formulators to add their own rheological additives of choice and provide for utmost customization
- Broad Palette of Colors Provides formulators wide latitude in color matching

Specifications

Particle size distribution	D50 = 0.25 – 0.30 microns D90 = 0.40 – 0.50 microns
Viscosity, 25°C	20 - 30 centipoise
Percent Solids	Approximately 45%
Typical pH range	6.4 – 6.8

Color Guide

SHADE	CODE
Pink	BFE-PK7711
Red	BFE-RD7713
Orange	BFE-OG7715
Yellow	BFE-YE7717
Green	BFE-GR7718
Blue	BFE-BL7719
Violet	BFE-VT7720
Magenta	BFE-MG7721

Storage

When stored in a cool, dry environment, BFE Emulsions are stable for six to twelve months but may experience slight settling, requiring agitation. Colorant containers should be kept closed to minimize contamination.

Toxicity

Tests conducted through independent laboratories have found Brilliant BFE-Series Fluorescent Emulsions to be "essentially non-toxic." BFE Series is APEO Free. A summary of the test data is listed on the MSDS, which is available upon request. Good industrial hygiene and handling methods are essential in the use of all products whether or not they are determined to be hazardous.

Important

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