



Brilliant Non-Formaldehyde Fluorescent Pigments

BNF-5800 SERIES

Principal Applications

- Rotational Molding
- Crayons
- Screen Inks
- Powder Coatings
- Liquid Color
- Lumber Markers
- Water-Based Systems
- Plastics

Product Features and Benefits

- Formaldehyde-Free Pigment matrix No offensive formaldehyde odors released during processing
- Broad Compatibility Formulations can be prepared in a wide range of media

Pigment Specifications

Specific Gravity	1.3
Particle size	3 - 5 microns
Hegman Grind	Approx. 5.0
Softening Point	295°F-310°F (145°C-155°C)
Decomposition Temp.	570°F (300°C) in absence of oxygen

Solubility & Bleed Resistance

<u>SOLVENT</u>	<u>SOLUBILITY</u>	<u>BLEED</u>
Water	Insoluble	Slight
Ethanol	Soluble	Considerable
Isopropyl Alcohol	Insoluble	Moderate
Methyl Ethyl Ketone	Partly Soluble	Considerable
Ethyl Acetate	Insoluble	Slight to Moderate
Xylene	Insoluble	Slight
Mineral Spirits	Insoluble	Slight

Color Guide

<u>SHADE</u>	<u>CODE</u>
Pink	BNF-PK5811
Cerise	BNF-CE5812
Red	BNF-RD5813
Orange-Red	BNF-OR5814
Orange	BNF-OG5815
Orange-Yellow	BNF-OY5816
Yellow	BNF-YE5817
Green	BNF-GR5818
Blue	BNF-BL5819
Magenta	BNF-MG5821
Violet	BNF-VT5820

Storage

When stored in a cool, dry environment, BNF pigments have an indefinite shelf life. Colorant containers should be kept closed to minimize contamination.

Toxicity

Tests conducted through independent laboratories have found Brilliant BNF-Series Fluorescent Pigments to be "essentially non-toxic." 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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