



Brilliant Non-Formaldehyde Fluorescent Pigments

BNF SERIES

Principal Applications

- Plastics Color Concentrates/Masterbatch

Product Features and Benefits

- | | |
|--|--|
| • A complete palette of fluorescent colors | Provides a wide range of color options |
| • Granular Particle Shape | Pigments reduce bridging in hopper |
| • 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	Approx. 100 microns
Hegman Grind	Approx. 2.0
Softening Point	295°F-310°F (145°C-155°C)
Optimal Run Temp.	180°C-200°C (Max Temp 240°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-PK511
Cerise	BNF-CE512
Red	BNF-RD513
Orange-Red	BNF-OR514
Orange	BNF-OG515
Orange-Yellow	BNF-OY516
Yellow	BNF-YE517
Green	BNF-GR518
Magenta	BNF-MG521

Regulatory Information

The BNF series pigments are compliant with the following regulations along with others not listed below. Please contact Brilliant for additional information.

-EN 71-3	-EN 71-12	-EU AP (89) 1	-EU NO 10/2011
-PAH limits	-RoHS	-REACH	-No SVHC

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

Brilliant Group makes no warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose of this product. No statements or recommendations contained in the product brochure are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Under no circumstances shall Brilliant Group be liable for incidental, consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory, arising out of the use or handling of this product.