



Brilliant Fluorescent Vinyl Colorant BVC SERIES

Brilliant® Vinyl Colorants are liquid fluorescent high-strength, transparent colorants. They are ideal in tinting a wide range of applications such as plastisol inks, vinyl sheets, traffic cones and other vinyl-related products.

Brilliant® BVC Series is easily incorporated in plastisol and vinyl systems, using high-speed mixers or applicable mixing equipment. They perform well for indoor applications as well as outdoors.

Physical and Chemical Properties

Form Liquid

Solubility

| | |
|---------------------------|-------------|
| Water | Not Soluble |
| Alcohols | Not Soluble |
| Ketones | Soluble |
| Esters | Soluble |
| Phthalate Plasticizers | Soluble |

Shades

BVC Yellow
BVC Orange Red
BVC Pink
BVC Magenta

PLASTISOL INK STARTING FORMULATION

| | |
|----------------|------|
| PLASTISOL | 95% |
| DINP* | 2.5% |
| Brilliant® BVC | 2.5% |

* Can be substituted with a phthalate-free plasticizer e.g. Eastman 168

Weigh ingredients in order then mix until homogenous using propeller or Cowles blade.
Apply ink on substrate then cure for 3 minutes at 300 - 390°F (149-199°C)

Storage

When stored in a cool environment, Brilliant® BVC has an indefinite shelf life. Colorant containers should be kept closed to minimize contamination.

Toxicity

A summary of test data is listed on the SDS, 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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