

Technical Data Sheet

GF-09

General Description

- Ultra-violet responsive fluorescent soluble toner for solvent based formulations.
- A dyed/pigmented thermoplastic glycol-uril-sulphonamide- paraformaldehyde resin.

Applications

- UV Blue tracer for solvent based inks for gravure, flexo and inkjet.
- UV Blue tracer for solvent based paints and powder coatings.

Product Features

- GF-09 is a transparent solvent soluble toner and should be printed on a white background or over a white ink to achieve the maximum fluorescent brightness.
- GF-09 is colorless in normal daylight, but glows blue under UV exposure, making it especially suitable as a tracer.
- Compatible with most resins used in solvent based flexo and gravure ink formulations, like nitrocellulose(esters), acrylics and polyamides.
- No particles in finished ink due to completely solubility.

Physical properties	
Delivery form	Granular powder
Particle size (Laser diffraction)	<150.0 µm
Melting point	80 – 115 °C
Specific gravity	1.38 g/ml
Bulking value	0.40 g/ml

(1) Test methods and Certificate of Analysis (COA) available on request.

Processing	
Solvent resistance	Completely soluble in a combination of strong polar solvents such as alcohols and esters.
Adding GF-09 (UV Blue) will purify the color and will increase the UV-response.	

Standard Color	
Product Name	Description
GF-09	UV Blue
Packaging: 1 box = 20kg MOQ = 20kg	
Storage & shelf life: 120 months when kept in closed original packaging in a dry place at ambient temperature.	
Safety & regulatory: Safety Data Sheet available on request.	

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