

Technical Data Sheet

GFS-4

General Description

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

Applications

- Solvent based inks for gravure, flexo and inkjet.
- Solvent based paints and powder coatings.

Product Features

- GFS-4 soluble toners are transparent and should be printed on white background or over a white ink to achieve the maximum fluorescent brightness.
- GFS-40 & GFS-48 can be blended to achieve intermediate fluorescent colors.
- 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.

Standard Color

Product Name	Description
GFS-40	Yellow
GFS-47	Pink
GFS-48	Magenta

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.

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.
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