

Europark 1046, B-3530 Houthalen + 32 11 520740 www.radiantcolor.com

Magenta

## **Technical Data Sheet**

### 410 Series

#### **General Description**

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

#### Applications

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

#### **Product Features**

- 410 soluble toners are transparent and should be printed on white background or over a white ink to achieve the maximum fluorescent brightness.
- 410 toners 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.

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.

# Standard ColorsProduct NameDescription410022Extender410031Yellow410035Rose

#### Packaging:

410037

1 box = 20 kgMOQ = 20 kg

#### 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.

Disclaimer: Our technical advice, information, statements, whether given verbally, in writing, or in the form of test results, is offered for your guidance without warranty. No warranty for fitness for a particular purpose is made. This also applies where protective rights of third parties are involved. It does not release the user from obligation to test the suitability of the products and formulas for the intended process and applications. Our guarantee is limited to the consistent quality of our product. Rev:1.0 18-May-22