

Technical Data Sheet

850 Series

General Description

- Daylight and ultra-violet responsive fluorescent pigments for solvent based formulations.
- A dyed/pigmented thermoset sulphonamide-melamine-paraformaldehyde resin.

Applications

- Gravure- and screen inks, PVC & PU coatings, aerosols, solvent based paints.

Product Features

- Good solvent resistance.
- Up to 50% stronger than 810 Series.
- Good temperature stability.
- May be used in plastisols and powder coatings.
- Limited lightfastness in exterior exposure.

Physical properties

Delivery form	Powder
Particle size (Laser diffraction)	± 3.0 µm
Hegman grind	5.5 – 6.5
Melting point	Thermoset, non-melting
Decomposition temp.	>300°C
Specific gravity	1.38 – 1.40 g/ml
Bulking value	0.25 g/ml
Oil absorption	56

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

Standard Colors

Product Name	Description
850001	Pink
850003	Red
850004	Orange
850005	Orange
850008	Orange
850010	Magenta
850021	Strong Magenta
850027	Yellow
850045	Violet
850060	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.

Processing

Heat stability	In PVC calendaring: 30 minutes @ 170°C
Solvent resistance	Recommended use in water, aliphatic- and aromatic hydrocarbons, alcohols, esters, glycols, plasticizers.
Pigments are insoluble and need to be dispersed (easily stirred-in).	