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Technical Data Sheet

850 Series

General Description

- Daylight and ultra-violet responsive fluorescent pigments for solvent based formulations.
- A dyed/pigmented thermoset sulphonamidemelamine-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.

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).	

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:1.1 31-May-22

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.