



## TECHNICAL DATA SHEET

# 850 Series daylight fluorescent pigment

### General Description:

An ultra high-strength daylight fluorescent pigment for thin-film solvent based applications such as gravure and screen process inks.

### Type of Product:

A dyed/pigmented melamine, sulphonamide, formaldehyde thermoset copolymer.

### Delivery Form:

Powder.

### Colours:

Pink 1  
Red 3  
Orange 4  
Orange 5  
Green 8  
Magenta 10  
Strong Magenta 21  
Yellow 27  
Violet 45  
Blue 60

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AC
Solvent resistance		< 7 @ 20°C	AA
Grind (Hegman)	microns	< 10	AB
Oversized particles		As standard	BH
Typical Properties			
pH (5% aq. slurry)		6 – 7.5 @ 20°C	
Decomposition		190°C	
Particle size	microns	~ 4 (average)	
Specific Gravity		~1.38 @ 20°C	

*Copies of test methods available on request*

### Features and Benefits:

- Good solvent resistance.
- Up to 50% stronger than 810 Series.
- Very good temperature stability.
- May be used in plastisols and powder coatings.
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

### Shelf-life & Storage Conditions:

Indefinite when stored in dry conditions below 35°C.  
Keep dry.  
Keep away from sources of ignition.  
Avoid raising dust.

### Other Data:

REACH and TSCA compliant.

### Safety:

Please consult our Safety Data Sheet.

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The Sterling guarantee is limited to the consistent quality of its products. Technical information, advice, verbal and written suggestions and test results are offered for guidance without responsibility. No warranty of merchantability for a particular purpose is made.

Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use

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