



## 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	B01
Solvent resistance		XYMEK50:>=/4	M02
Grind (Hegman)		5.5-6.5	M01
Typical Properties			
Oil absorption	%	~56	M04
Bulking value	Kg/l	0.25	M07
Average particle size	μ	3-4	M06
Specific gravity	g/cc	1.38-1.40	M05

*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.
- Limited lightfastness in exterior exposure.

### Shelf-life & Storage Conditions:

120 months when kept in closed original packaging in a dry place at ambient temperature  
Keep away from sources of ignition.  
Avoid raising dust.

### Other Data:

Regulatory information available on request.

### Safety:

Please consult our Safety Data Sheet, available on request.

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The 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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Page 1 of 1