



TECHNICAL DATA SHEET

810 Series daylight fluorescent pigment

General Description:

A daylight fluorescent pigment for inks, paints, aerosols, plastisols and organosol coatings.

Type of Product:

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

Delivery Form:

Powder.

Colours:

Pink 1
Red 2
Red 3
Orange 4
Orange 5
Orange 6
Yellow 7
Green 8
Cerise 13
Red 15
Yellow 27
Blue 60
UV Blue 70

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AC
Solvent resistance		< 7 @ 20°C	AA
Grind (Hegman)	microns	8 - 16	AB
Oversized particles		As standard	BH
Typical Properties			
pH (5% aq. slurry)		6 – 7.5 @ 20°C	
Decomposition		190°C	
Particle size	microns	~ 6 (average)	
Specific Gravity		~1.38 @ 20°C	

Copies of test methods available on request

Features and Benefits:

- Good solvent resistance.
- Very good temperature stability.
- Suitable for water-borne and solvent-based paints.
- 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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