



TECHNICAL DATA SHEET

650 Series daylight fluorescent pigment

General Description:

A daylight fluorescent pigment for paper coatings, gravure and textile printing and all low film weight applications requiring optimum strength.

Type of Product:

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

Delivery Form:

Powder.

Colours:

Pink 1
Orange 4
Orange 5
Orange 6
Green 8
Cerise 13
Red 15
Strong Magenta 21
Yellow 27
Blue 60

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AC
Grind (Hegman)	microns	3 - 5	AB
Typical Properties			
pH (5% aq. slurry)		6 – 7.5 @ 20°C	
Decomposition	°C	190	
Particle size	microns	~4 (average)	
Softening Point	°C	115	
Specific Gravity		~1.38 @ 20°C	

Copies of test methods available on request

Features and Benefits:

- Ultra high strength series has up to 50% higher colour strength and finer grind than 610 Series.
- For printing ink or paint systems containing mild solvents, and in paper 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

Issue Date 19/01/2015

Revision Number : 650 - 05

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