

TECHNICAL DATA SHEET

RTS Series daylight fluorescent pigment

General Description:

A daylight fluorescent pigment based on a unique thermoset resin matrix for paint and ink applications where strong solvents are used and for PVC where dye migration occurs with other types of pigments.

Type of Product:

A dyed/pigmented modified benzoguanamine formaldehyde thermoset copolymer.

Delivery Form:

Powder.

Colours:

Astral Pink 1
 Laser Red 3
 Flame Orange 4
 Blaze 5
 Arc Chrome 6
 Stellar Green 8
 Strong Magenta 21
 Lunar Yellow 27
 Violet 45
 Comet Blue 60

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AC
Grind (Hegman)	microns	3 - 5	AB
Bleach test		< 7.5	BL
Bleed resistance		As standard	BC
Typical Properties			
pH (5% aq. slurry)		4.5 – 7.0 @ 20°C	
Decomposition		> 220 °C	
Particle size	microns	< 3 (average)	
Specific Gravity		~1.30 @ 20°C	

Copies of test methods available on request

Features and Benefits:

- Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
- Small spherical particles ensures easy dispersion.
- Resistant to plate-out in plastics applications.
- 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 compliant.

Safety:

Please consult our Safety Data Sheet.

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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.