



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.

Standard colours:

Product name	Description
RTS001	Astral Pink
RTS003	Laser Red
RTS004	Flame Orange
RTS005	Blaze
RTS006	Arc Chrome
RTS008	Stellar Green
RTS021	Strong Magenta
RTS027	Lunar Yellow
RTS045N	Violet
RTS060	Comet Blue

Delivery Form:

Powder

Packaging:

1 box = 20kg

MOQ = 20kg

Technical Information:

Physical properties	
Delivery form	Powder
Particle size	< 3µm (average)
Hegman grind	5 – 7
pH of dye solution	4.5 – 7.0 (5% Aq. slurry)
Decomposition Temp.	> 220°C
Specific gravity	~1.30 g/ml
Moisture analysis	0 – 10%

Processing	
Heat stability	220°C
Solvent resistance	Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
Pigments are insoluble and need to be dispersed (easily stir-in).	

⁽¹⁾Test methods and Certificate of Analysis (COA) available on request.

Product 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.
- Limited lightfastness in exterior exposure.

Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

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