

Technical Data Sheet

210 Series

General Description

- Daylight and ultra-violet responsive fluorescent pigments for paint and ink applications based on strong solvents and PVC.
- A dyed/pigmented thermoset modified benzoguanamine-formaldehyde copolymer.

Applications

- Solvent based paints and inks, PVC plastisols and organosols, calendered PVC, extruded and injection moulded polyolefins, mass coloration of rubber.

Product Features

- Fine microsphere thermoset pigments ensures easy dispersion.
- Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
- Low (or even no) migration in PVC.
- Resistant to plate-out in plastics applications.
- For aqueous formulations, the use of preservatives is recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.
- Limited lightfastness in exterior exposure due to the chemical structure of the fluorescent pigments.

Standard Colors	
Product Name	Description
210001	Pink
210003	Red
210004	Orange
210005	Orange
210006	Orange
210008	Green
210021	Strong Magenta
210027	Yellow
210045N	Violet
210060	Blue

Packaging:

1 box = 20kg

MOQ = 20kg

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.

Physical properties	
Delivery form	Powder
Particle size (Laser diffraction)	± 3.0 µm
Hegman grind	5.0 – 7.0
pH of dye solution	4.5 -7.0 (5% aq. Slurry)
Decomposition temp.	>220°C
Specific gravity	1.30 g/ml
Moisture Analysis	<4%

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

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).	

Disclaimer: Our technical advice, information, statements, whether given verbally, in writing, or in the form of test results, is offered for your guidance without warranty. No warranty for fitness for a particular purpose is made. This also applies where protective rights of third parties are involved. It does not release the user from obligation to test the suitability of the products and formulas for the intended process and applications. Our guarantee is limited to the consistent quality of our product. Rev:1.0 26-Apr-22