

# **Technical Data Sheet**

## GM

#### **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

Standard Colors		
Product Name	Description	
GM-20	Chartreuse	
GM-21	Green	
GM-22	Orange Yellow	
GM-23	Orange	
GM-24	Orange Red	
GM-25	Red	
GM-27	Pink	
GM-28	Magenta	
GM-29	Blue	
GM-88	Purple	
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.		

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.

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		

(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 22-Apr-22