

Technical Data Sheet

GMH

General Description

- A daylight fluorescent pigment based on a thermoset resin matrix for high temperature plastics processing to limit the loss of colour which may occur with other types of pigment.
- A dyed/pigmented thermoset copolymer. •

Applications

EVA foam, PVC plastisols and organosols, calendered PVC, extruded and injection moulded polyolefins, mass coloration of rubber.

Product Features

- Specifically designed for higher temperature plastics applications such as EVA foam.
- Minimal color change up to 30 minutes at 170°C.
- Small spherical particles ensures easy dispersion.
- Resistant to plate-out in plastics applications.

 Limited light-fastness in exterior exposure. 		
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.	>250°C	
Specific gravity	1.30 g/ml	
Moisture Analysis	<4%	
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(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).		

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Standard Colors			
Product Name	Description		
GMH-20	Chartreuse		
GMH-12	Orange Yellow		
GMH-13	Orange		
GMH-14	Orange Red		
GMH-15	Red		
GMH-17	Pink		
GMH-8-1238	Magenta		
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 & regula	Safety & regulatory:		

Safety Data Sheet available on

request.