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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.

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 & 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.	>250°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).	

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