

Technical Data Sheet

GML Series

General Description

- A low formaldehyde daylight fluorescent pigment based on a thermoset resin matrix designed for high temperature processing or where strong solvents are used.

Applications

- EVA foam, PVC plastisols and organosols, calendered PVC, extruded and injection moulded polyolefins, mass coloration of rubber, solvent based paints and inks,

Product Features

- Reduced formaldehyde (ISO 14184-1).
- Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
- Minimal color change in high temperature applications including EVA foam.
- Resistant to plate-out in plastics applications.
- High Bleed resistance in PVC and similar applications.
- Limited light-fastness in exterior exposure.

Physical properties	
Delivery form	Powder
Particle size (Lazer diffraction)	± 3.0 µm
Hegman grind	5.0 - 8.0
Decomposition temp.	>250°C
Free Formaldehyde	<140PPM
Specific gravity	1.30 g/ml
Moisture Analysis	<4%

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

Standard Colors

Product Name	Description
GML-30	Chartreuse
GML-21	Green
GML-32	Orange Yellow
GML-23	Orange
GML-35	Red
GML-36	Cerise
GML-27	Pink
GML-38	Magenta
GML-29	Blue
GML-88	Purple

Special Colors

GML-31	Green
GML-33	Orange
GML-37	Pink
GML-39	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.

Processing

Heat stability	>240°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).	