

# Technical Data Sheet

## GML

### 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 (Laser diffraction)	± 3.0 µm
Hegman grind	5.0 - 8.0
Decomposition temp.	>250°C
Free Formaldehyde	<100PPM
Specific gravity	1.30 g/ml
Moisture Analysis	<4%

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-24	Orange Red
GML-35	Red
GML-36	Cerise
GML-27	Pink
GML-38	Magenta
GML-88	Purple
GML-39	Blue

### Special Colors

GML-31	Green
GML-33	Orange
GML-37	Pink
GML-78	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.

### 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).	

GML pigments are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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