

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	<140PPM
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-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.

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.