



TECHNICAL DATA SHEET

220 Series daylight fluorescent pigment

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.

Type of Product:

A dyed/pigmented thermoset copolymer.

Standard colours:

Product name	Description
220001	Pink
220003	Red
220004	Orange
220005	Orange
220006	Orange
220021	Strong Magenta
220027	Yellow

Packaging:

1 box = 20kg
MOQ = 20kg

Technical Information:

Physical properties	
Delivery form	Powder
Particle size	< 3µm (average)
Hegman grind	5 – 7
pH of dye solution	4.5 – 7.0 (5% Aq. slurry)
Decomposition Temp.	> 220°C
Specific gravity	~1.30 g/ml
Moisture analysis	0 – 2.5%

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).	

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

Product features and benefits:

- Specifically designed for higher temperature plastics applications such as EVA foam.
- Minimal colour 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.

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.

Europe, Asia, Africa, Australia, New Zealand:
Radiant Color, Europark 1046, 3530 Houthalen-Helchteren
Belgium
T: +32 11 52 07 40
www.radiantcolor.be
info@radiantcolor.be

Americas:
Day-Glo Color, 4515 St. Clair Avenue, Cleveland OH 44103
USA
T: +1 216 391 7070
www.dayglo.com
dayglo@dayglo.com

The guarantee is limited to the consistent quality of its products. Technical information, advice, verbal and written suggestions and test results are offered for guidance without responsibility. No warranty of merchantability for a particular purpose is made.

Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use.

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