

# Radglo<sup>®</sup> EA

## General information

### General description:

- Daylight and ultra-violet responsive fluorescent plastic colorants - free of formaldehyde - for plastics.
- A dyed/pigmented thermoplastic polyamide-ester resin.

### Applications:

- Recommended for extrusion, injection moulding, blowmoulding, filmblowing etc.

### Product features and benefits

- Radglo<sup>®</sup> EA has a broad compatibility in many plastics with brilliant fluorescent colors and easy dispersion over a wide temperature range without formaldehyde out gassing.
- Radglo<sup>®</sup> EA has the advantage of low mold plate-out, whereby both heat stability and light resistance are optimized.
- Radglo<sup>®</sup> EA-3\* series are recommended if extra color strength is desired.

## Technical information<sup>(1)</sup>

### Physical properties

Delivery form	Powder
Average particle size	8 - 15 µm
Melting point:	
EA-10/11/12/13/19/30/33	100° – 120°C
EA-14/15/16/17/18/35/37/38	120° – 140°C
Decomposition T°	>300°C
Specific gravity	1.2 g/ml
Bulking value	0.30 – 0.40 g/ml

### Processing

Heat stability	160°C – 240°C It is essential the minimum processing temperature of 160°C is reached in order to melt in the polymer and evenly distribute the pigment throughout the plastic.
Plastics	Recommended for polyolefins (LDPE/HDPE/PP) and rubber. Other polymers should be tested.

<sup>(1)</sup>Test methods and Certificate of analysis (COA) available on request.

### Standard colors:

Product name	Description
EA-10	Chartreuse
EA-11	Green
EA-12	Orange Yellow
EA-13	Orange
EA-14	Orange Red
EA-15	Red
EA-16	Cerise
EA-17	Pink
EA-18	Magenta
EA-19	Blue

### High strength standard colors:

Product name	Description
EA-30	Chartreuse
EA-33	Orange
EA-35	Red
EA-37	Pink
EA-38	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:

REACH compliant.  
Safety Data Sheet and Regulatory Status (RS) available on request.

Do you need more technical & commercial information? Please consult **Product Promotion Sheet**.