

# Radglo® PS

## General information

### General description:

- Daylight and ultra-violet responsive fluorescent pigments for solvent based formulations.
- A dyed/pigmented thermoset sulphonamide-melamine-paraformaldehyde resin.

### Applications:

- Calendered PVC foils, PVC & PU coatings, solvent based paints, screen - and gravure inks, aerosols.

### Standard colors:

| Product name | Description                 |
|--------------|-----------------------------|
| PS-30        | Chartreuse (reddish shade)  |
| PS-40        | Chartreuse (greenish shade) |
| PS-41        | Green                       |
| PS-42        | Orange Yellow               |
| PS-43        | Orange                      |
| PS-44        | Orange Red                  |
| PS-45        | Red                         |
| PS-46        | Cerise                      |
| PS-47        | Pink                        |
| PS-48        | Magenta                     |
| PS-49        | Blue                        |

### Product features

- For solvent based formulations, Radglo® PS has:
  - a relatively good lightfastness due to an incorporated UV stabilizer.
  - a high reflection what results in bright fluorescent colors.
  - a greenish and reddish Chartreuse.
- PC-88 Purple can complete your color portfolio.
- For aqueous formulations, the use of preservatives is recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.

### Packaging:

1 box = 20kg (2x10kg)  
 1 boxpallet = 250kg (25x10kg)  
 MOQ = 20kg

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

| Physical properties   |   |
|---|---|
| Delivery form   | Powder  |
| Average particle size   | ± 5.0 µm  |
| Hegman grind  | 5.0 - 6.0   |
| Melting point   | Thermoset, non-melting  |
| Decomposition T°  | >300°C  |
| Specific gravity  | 1.40 g/ml   |
| Bulking value   | 0.25 g/ml   |
| Oil absorption  | 56  |
| Processing  |   |
| Heat stability  | In PVC calendering: 30 minutes @ 170°C  |
| Solvent resistance  | Recommended use in water, aliphatic- and aromatic hydro carbons, alcohols, esters, glycols, plasticizers. |
| Pigments are insoluble and need to be dispersed (easily stir-in). |   |

### 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.

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

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

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