

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.

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.
- Limited lightfastness in exterior exposure due to the chemical structure of fluorescent pigments.

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

Packaging:

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

Technical information⁽¹⁾

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).	

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

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.**

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