

# Technical Data Sheet

## PC-X-XXXX

### General Description

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

### Applications

- Gravure- and screen inks, PVC & PU coatings, aerosols, solvent based paints.

### Product Features

- For solvent based formulations, PC has the highest color strength.
- Due to the high color strength and the fine particle size, PC is recommended for gravure and screen printing inks.
- 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.

Physical properties	
Delivery form	Powder
Particle size (Laser diffraction)	± 3.0 µm
Hegman grind	5.5 – 6.5
Melting point	Thermoset
Decomposition temp.	>300°C
Specific gravity	1.38 – 1.40 g/ml
Bulking value	0.25 g/ml
Oil absorption	56

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

Processing	
Heat stability	In PVC calendering: 30 minutes @ 170°C
Solvent resistance	Recommended use in water, aliphatic- and aromatic hydrocarbons, alcohols, esters, glycols, plasticizers.
Pigments are insoluble and need to be dispersed (easily stir-in).	

Standard Colors	
Product Name	Description
PC-0-1283	Chartreuse
PC-1-1284	Green
PC-3-1285	Orange
PC-4-1286	Orange Red
PC-5-1287	Red
PC-7-1288	Pink
PC-8-1289	Magenta
PC-8-1291	Strong Magenta
PC-8-1292	Purple
PC-9-1290	Blue
<p><b>Packaging:</b>            1 box = 20kg            MOQ = 20kg</p> <p><b>Storage &amp; shelf life:</b>            120 months when kept in closed original packaging in a dry place at ambient temperature.</p> <p><b>Safety &amp; regulatory:</b>            Safety Data Sheet available on request.</p>	

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