

Technical Data Sheet

919 Series

General Description

- Daylight and ultra-violet responsive fluorescent pigments free of formaldehyde for water based formulations.
- A dyed/pigmented thermoplastic polyester amide copolymer.

Applications

- Water based formulations: paints, paper- and textile inks.

Product Features

- Free of formaldehyde.
- Good stability in water based formulations. Solvent resistance need to be checked.
- Also available in a 50% water dispersion.
- For aqueous formulations, the use of preservatives is highly 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 the fluorescent pigments.

Physical properties	
Delivery form	Powder
Particle size (Laser diffraction)	± 4.0 µm
Hegman grind	5.0 – 6.0
Melting point	130 – 160°C
Decomposition temp.	>300°C
Specific gravity	1.20 g/ml
Bulking value	0.3 – 0.4 g/ml

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

Processing	
Heat stability	Limited.
Solvent resistance	Recommended use in water. For other solvents, please check in advance.
Pigments are insoluble and need to be dispersed (easily stir-in).	

Standard Colors	
Product Name	Description
919001	Pink
919003	Red
919004	Orange
919005	Orange
919008	Green
919010	Magenta
919021	Strong Magenta
919027	Yellow
919060	Blue

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:

Safety Data Sheet available on request.