

Radglo® AFN

General information

General description:

- Daylight and ultra-violet responsive fluorescent submicron dispersion - free of formaldehyde - for water based formulations.
- A dyed/pigmented dispersion of an alkali soluble acrylic resin.

Applications:

- Water based inks for flexo, gravure and textile.
- Water based paper coatings and paints.

Product features

- Radglo® AFN contains approximately 45% fluorescent pigment dispersed in water.
- Radglo® AFN is free of formaldehyde and free of Volatile Organic Compounds (V.O.C.).
- 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.
- Radglo® AFN exhibit good lightfastness for indoor applications. However, the exterior lightfastness is limited.

Standard colors:

Product name	Description
AFN-09	UV Blue
AFN-20	Chartreuse
AFN-23	Orange
AFN-24	Orange Red
AFN-25	Red
AFN-27	Pink
AFN-28	Magenta
AFN-29	Blue

Packaging:

1 HDPE jerry-can = 20kg
 1 drum = 200kg
 MOQ = 20kg

Technical information⁽¹⁾

Physical properties	
Delivery form	Liquid, 46-50% solids
Average particle size	0.25 – 0.45 µm
Hegman grind	5.0 – 8.0
pH range	7.5 - 9.0
Specific gravity	1.0 - 1.1 g/ml
Brookfield viscosity	50.0 – 350.0 cps

Processing	
Solvent resistance	Water based product

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

Storage & shelf-life:

18 months after production date when kept in closed original packaging in a dry place at ambient temperatures. Dispersion should be protected from freezing.

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**.