

Radglo AFX

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 textile printing, pad dyeing, pigment exhaust dyeing.
- Water based printing inks and paper coatings.

Product features

- AFX contains approximately 50% fluorescent pigments dispersed in water.
- AFX is free of the following chemicals: Formaldehyde, Alkyl phenols (Ethoxylates), AZO compounds, Aromatic amines, SVHC Chemicals, Heavy Metals, Perfluorooctanoic Acid, Regulated Phthalates, Polyaromatic Hydrocarbons, Bisphenol A (BPA)
- 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 micro-organisms in the intended formulation.

Standard colors:

Product name	Description
AFX-10	Chartreuse
AFX-13	Orange
AFX-15	Red
AFX-16	Cerise
AFX-17	Pink
AFX-18	Magenta
AFX-78	Purple

Packaging:

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

Technical information⁽¹⁾

Physical properties	
Delivery form	Liquid, 48-52% solids
Average particle size	0.20 - 0.40µm
pH range	5.0 - 6.0 (AFX-10)
	3.0 - 5.0 (AFX-13/15/16/17/18/78)
Specific gravity	1.0 - 1.1g/ml
Hegman grind (0 - 8)	4.0 - 8.0 (AFX-10)
	5.0 - 8.0 (AFX-13/15/16/17/18/78)
Brookfield viscosity	20.0 - 200.0 cps

Processing

Solvent resistance	Water based product
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⁽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 available on request.

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