

# Technical Data Sheet

## FEX Series

### General Description

- A dyed/pigmented melamine, sulphonamide, formaldehyde thermoplastic copolymer
- High Strength daylight and ultra-violet responsive fluorescent pigment for water and non-polar solvent systems.

### Applications

- Paper coatings, gravure and textile printing and all low film weight applications requiring optimum strength.

### Product Features

- Ultra-high strength and fine grind.
- For printing ink or paint systems containing mild solvents, and in paper coatings.
- Limited lightfastness in exterior exposure.

Physical properties	
Delivery form	Powder
Particle size (Laser diffraction)	± 3.0 µm
Hegman grind	5.5 – 6.5
Decomposition temp.	> 2000°C
Softening point	115°C

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

### Standard Colors

Product Name	Description
FEX004-R	Flame Orange
FEX005-R	Blaze
FEX008-R	Stellar Green
FEX015-R	Fire Red
FEX021-R	Strong Magenta

### 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.

### Processing

Heat stability	Limited
Solvent resistance	Recommended use in water, aliphatic and some aromatic hydrocarbons.
Pigments are insoluble and need to be dispersed (easily stirred-in).	

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