

Technical Data Sheet

QF – Quick Fading

General Description

- Daylight and ultra-violet responsive fluorescent pigments for temporary markings, suitable for use in water borne and solvent based formulations.
- A dyed/pigmented thermoset sulphonamide-melamine-paraformaldehyde resin.

Applications

- Temporary markings, sport events, clay pigeons.

Product Features

- QF is suitable for use in water borne formulations as well as applications where resistance to strong solvents and temperature is required.
- QF is especially developed for fast fading outdoor applications. They are stable to indoor light, but will fade quickly under outdoor conditions.
- 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.

Standard Colors

Product Name	Description
QF-23	Orange
QF-17	Pink
QF-19	Blue

Packaging:

1 box = 20kg (2x10kg)
 MOQ = 200kg

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.

Physical properties

Delivery form	Powder
Particle size (Laser diffraction)	± 5.0 µm
Hegman grind	5.0 – 6.0
Melting point	Thermoset, non-melting
Decomposition temp.	>300°C
Specific gravity	1.38 – 1.40 g/ml
Bulking value	0.25 g/ml
Oil absorption	56

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

Processing

Heat stability	Applications with processing temperature up to 180°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).	

QF pigments are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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