

# Technical Data Sheet

## PAP-3-0933

### General Description

- Daylight and ultra-violet responsive fluorescent plastic colorants - free of formaldehyde - for the paper coating industry.
- A dyed/pigmented thermoplastic polyamide-ester resin.

### Applications

- Recommended for extrusion, injection moulding, blow moulding, film blowing etc.

### Product Features

- PAP-3-0933 offers bright colors for applications where safety and high visibility is required.
- PAP-3-0933 has no formaldehyde outgassing and is odorless during its transformation.
- PAP-3-0933 has the advantage of a low level of migration, whereby both heat stability and light resistance are optimized.
- 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.

### Standard Colors

Product Name	Description
PAP-3-0933	Orange

#### 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.

### Physical properties

Delivery form	Powder
Particle size (Laser diffraction)	8.0 – 15.0 $\mu$ m
Decomposition temp.	>300°C
Specific gravity	1.20 g/ml
Bulking value	0.3 – 0.4 g/ml

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

### Processing

PAP Fluorescent pigments are semi-transparent. For this reason printing on a white coated surface is recommended to obtain the maximal fluorescent effect.

Pigments are insoluble and need to be dispersed (easily stir-in).

PAP-3-0933 pigment is designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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