

# Technical Data Sheet

## PR

### General Description

- Daylight and ultra-violet responsive fluorescent pigments – without specifications – for leak detection.
- As the formulation is changing continuously the used polymers might be melamine- formaldehyde, benzoguanamine-formaldehyde, polyester, polyesteramide resins or mixture(s).

### Applications

- Leak detection for air filtration systems.

### Product Features

- PR is a nonstandard pigment what means that color, color strength and some physical and chemical properties are not standardized.
- PR series is especially developed for applications where no typical specifications are required. If specific properties are required (heat stability, solvent resistance) our standardized product series (PS/PC) are recommended.
- 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.
- Limited lightfastness in exterior exposure due to the chemical structure of fluorescent pigments.

### Standard Colors

Product Name	Description
PR-10	Chartreuse
PR-11	Green
PR-13	Orange
PR-14	Orange Red
PR-15	Red
PR-17	Pink
PR-18	Magenta
PR-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.

### Processing

PR series permits an easy to use leak detection check, without any complex operations on the polluted air side of the filter installation.

After a complete cleaning cycle of the air filtration system, PR pigment is added to the air stream close to the inlet of the filter chamber of the system at approximately 10 -15 g/m<sup>2</sup> of filtration surface.

After a ventilation time of 5 minutes, the installation can be examined at the clean air side with UV light to locate and mark spot leaks in the filter housing, sleeves and filter bags, where the PR pigment deposits.

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