

# Technical Data Sheet

# SP Series

Bright ▪ Brilliant ▪ Beautiful

A daylight fluorescent pigment based on a unique thermoset resin matrix for paint and ink applications where strong solvents are used and for PVC, where dye migration occurs with other types of pigments.

## Features and Benefits

- Resistant to and insoluble in most common solvents including ketones, esters and alcohols.
- Ultra high strength Fluorescent pigments.
- Fine Microspherical thermoset pigments ensures easy dispersion.
- Excellent solvent and migration resistance.
- Excellent resistance against plasticizers, curing agents, acids and alkalis.
- Resistant to plate-out in plastic applications.
- Excellent heat stability up to 230°C.

## Applications – Processes

### Suitable

Blow Mouldings  
Liquid Colorants  
Vinyl Plastics  
Vinyl Calendered Film  
Powder Coatings

### Limited Suitability

Mouldings & Extrusions

## Applications – Polymers

### Suitable

LDPE  
HDPE  
PVC Calendering  
PVC Spread Coat  
EVA & Rubber

### Limited Suitability

PP  
GPPS  
HIPS

## Available Colors

### Color

Yellow  
Orange  
Red  
Pink  
Magenta  
Pink B  
Violet

### Product Code

SP 11  
SP 14  
SP 16  
SP 07  
SP 18  
SP 17  
SP 19

## Typical Pigment Characteristics

Properties	Values
Average particle size	2-3 Microns
Softening Point	Thermoset
pH (5% pigment)	5.5 - 7.5
Oil absorption value	50-60 gm/100g of pigment
Thermal Stability	230°C

*\*\*-maximum temp. at which fluorescence is maintained.  
Color degradation is time/temperature dependent*

### Shelf Life & Storage Conditions:

- Store at dry and closed conditions.
- Keep away from source of ignition/sunlight.
- Avoid moisture and raising dust.

### Safety:

Please refer to our Material Safety Data Sheet.

## Other Data – Typical regulatory approvals

- EN 71-3
- RoHS
- REACH

Please check with us for any regulatory requirement not already listed above.

## Other Information

Limited light fastness on exterior exposure.

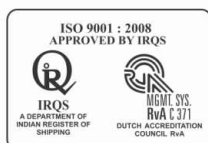
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