

## DayGlo Phantom IPO-15 Invisible Pigment, Orange

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

### Material Notes:

These materials have a yellowish or white color body under visible light and produce a bright vibrant color when exposed to an Ultra-Violet light source. Phantom pigments can be used for security and tracing functions where a non-visible color is warranted. Applications: General Applications: Phantom pigments are available in five basic colors and can be used in a wide range of applications such as rotogravure and intaglio printing, plastics and coatings to name a few. These materials have excellent temperature stability and solvent resistance. Phantom pigments can be also mixed with each other to create additional color phenomenon. Plastic Applications: Phantom pigments have excellent heat stability. They can withstand temperatures above 550°F making them excellent candidates for use in plastic resins. Graphic Arts and Coatings Applications: Because of Phantom pigments excellent solvent resistance, they can be used in a number of inks and coatings. An initial pigment concentration of 5% to 10% is recommended but may need to go up to 25% based on film thickness.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DayGlo-Phantom-IPO-15-Invisible-Pigment-Orange.php](http://www.lookpolymers.com/polymer_DayGlo-Phantom-IPO-15-Invisible-Pigment-Orange.php)

Physical Properties	Metric	English	Comments
Specific Gravity	4.10 g/cc	4.10 g/cc	
Particle Size	4.5 µm	4.5 µm	

Descriptive Properties	Value	Comments
Body Color	White	
Emission Color	Orange	
Emission Wavelength (nm)	590	
Excitation Wavelength (nm)	365	

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