

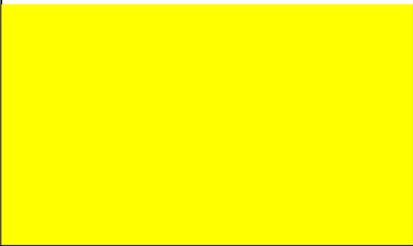
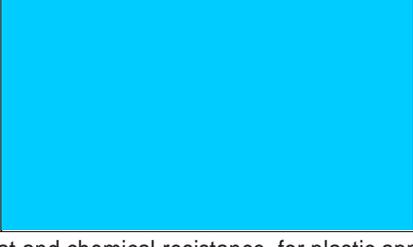


SERIE

# NITOR FLUO S9



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		Average particle size (µm)	Specific gravity	Heat resistance (°C)	Chemical resistance	Oil absorption
<b>Yellow S9-GY</b>		3-5	1,3	150 (*)	good *	49
<b>Orange S9-TT</b>		3-5	1,3	150 (*)	good *	49
<b>Magenta S9-R</b>		3-5	1,3	150 (*)	good *	49
<b>Green S9-BV</b>		3-5	1,3	150 (*)	good *	49
<b>Blue S9-FB</b>		3-5	1,3	150 (*)	good *	49

\* Products with an higher heat and chemical resistance, for plastic applications, are available on demand.

## Nitor Fluo S9 Serie

**Nitor Fluo S9** products are high quality fluorescent pigments in powder form suitable for multi-purpose applications. Peculiar effects can be obtained thanks to their excellent bright colour and tinting strength.

**Nitor Fluo S9** serie has been developed especially for the application in varnish sector and mass coloration of plastic polymers.

**Nitor Fluo S9** products have been selected for their brilliancy and suggested when a fluorescent or high-impact coloration is desired. Beyond the proposed shades, all the pigments are perfectly miscible within each other to obtain a wide range of possible colours.

**Nitor Fluo S9** pigments are suitable both for solvent and water based varnishes, but can also be used as additives in bulk preparation, i.e. for plastics or inks.

## Recommended Applications

Thanks to **Nitor Fluo S9** bright colours and strength, suggested powder maximum dosage in varnish is 2% w/w, but should be evaluated depending on the desired colour effect. At the reported percentage, the pigment is quite transparent, leaving visible the surface colour or grains. Differently, if added in bulk preparations the application percentage has to be evaluated depending on the matrix colour and transparency.

After the varnish addition, the preparation should be mechanically stirred for at least 3 minutes using a pigment mill or grinder to obtain a uniform dispersion. Then the mixture is left degassing for some minutes and readily applied on the final support. The pigment dispersion is stable for some hours if correctly stirred, but too early preparation could cause product sedimentation, since **Nitor Fluo S9** are powder pigments with no suspension additives.

Overcoating is possible both with water and solvent products to fix the pigment on the surface.

## Safety instructions

No specific hazards are connected to **Nitor Fluo S9** products, but the powders should be handled with all the precautions of fine powder pigments, as specified in safety data sheets.

*All information is based on the current state of our knowledge and on the results of our tests, but they are given without guarantee.*

*The Buyer remains responsible for verifying that the products are suitable for his intended process or purpose.*

*Tests before the industrial use of the product are recommended.*



**COLORANTI, PIGMENTI E PRODOTTI CHIMICI PER L'INDUSTRIA  
INDUSTRIAL DYES, PIGMENTS AND CHEMICAL PRODUCTS**

**Cromatos s.r.l.**

Via G. Cardano, 6B/C/D | 47122 Forlì (FC) Italy | T +39 0543 796191 | F +39 0543 796189  
info@cromatos.com | www.cromatos.com