



## TECHNICAL DATA SHEET

# 916N Series daylight fluorescent pigment

### General Description:

A new high-strength, formaldehyde-free pigment designed for paper coatings, textile inks, printing inks and paints based on aqueous or mild solvent-based vehicles. Ideal for artist colours, wax and plastic crayons.

### Type of Product:

A dyed / pigmented polyamide / polyester thermoplastic copolymer.

### Delivery Form:

Powder.

### Colours:

Pink 1  
Red 3  
Orange 5  
Orange 6  
Magenta 10  
Yellow 27

Product Specification			
Property	Unit	Value	Test method
Colour (visual)		As standard	AC
Grind (Hegman)	microns	7 - 13 microns	AB
Softening Point	°C	110 – 125	AM
Typical Properties			
pH (5% aq. slurry)		4 – 5 @ 20°C	
Decomposition	°C	260	
Particle size	microns	~ 8 (average)	
Specific Gravity		~1.20 @ 20°C	

*Copies of test methods available on request*

### Features and Benefits:

- Fine particle size for paper coatings, water-based systems and other paint and ink applications where mild solvents are present.
- Ideal for crayons and some other low melt applications down to 125°C (260°F).
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

### Shelf-life & Storage Conditions:

Indefinite when stored in dry conditions below 35°C.  
Keep dry.  
Keep away from sources of ignition.  
Avoid raising dust.

### Other Data:

REACH and TSCA compliant.

### Safety:

Please consult our Safety Data Sheet.

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The Sterling guarantee is limited to the consistent quality of its products. Technical information, advice, verbal and written suggestions and test results are offered for guidance without responsibility. No warranty of merchantability for a particular purpose is made. Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use.

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