

TECHNICAL DATA SHEET

LPFN 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:

Astral Pink 1
Laser Red 3
Blaze 5
Arc Chrome 6
Magenta 10
Lunar 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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Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use