



TECHNICAL DATA SHEET

LithoTec Extra 370 Series fluorescent ink concentrate

General Description:

A very high strength daylight fluorescent ink concentrate for UV cure, heat-set and air-drying inks.

Type of Product:

A dyed/pigmented thermoset copolymer concentrate in a compatible resin.

Delivery Form:

Paste.

Colours:

G02 Green
Y03 Yellow
OG04 Orange
R05 Red
P06 Pink
M07 Magenta
27 Yellow

Product Specification			
Property	Unit	Value	Test method
Viscosity (Laray)	seconds	6 – 12 @ 30°C	AP
Tack (Tack-o-scope)	tack units	70 - 120	BT
Grind (Hegman)	microns	< 1	AN
Colour (visual)		As standard	AF
Microscope exam.		As standard	BS
Proof Tests		As standard	BJ
Peppering test	microns	< 2	BU
Typical Properties			
Specific Gravity		~1.15 @ 20°C	

Copies of test methods available on request

Features and Benefits:

- Up to 60% stronger than conventional concentrates.
- Can be used with a variety of UV, oxidative and heat-set drying ink formulations.
- Sub-micron dispersion.
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

Shelf-life & Storage Conditions:

12 months when stored in unopened containers below 35°C.
Keep dry.
Keep away from sources of ignition.

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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