

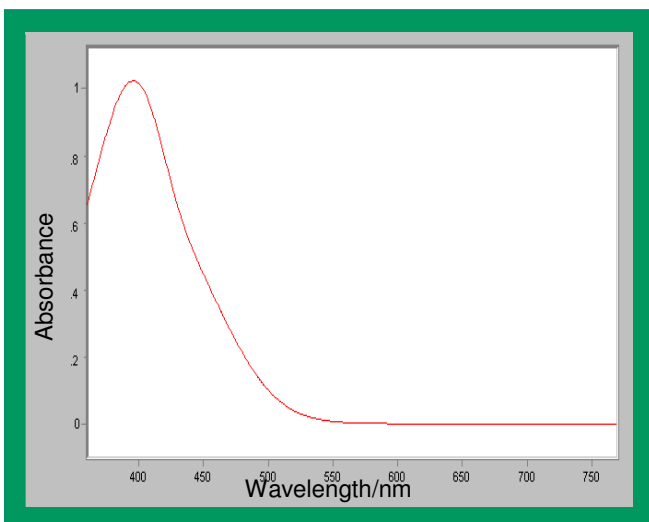
Pro-Jet™ Yellow 1G Liquid

▶ **A multipurpose yellow dye-based liquid for a wide range of aqueous inkjet applications**

- ▶ Bright all round dye performance for a range of applications
- ▶ Excellent light fastness for photo applications
- ▶ Highly purified to ensure low salt and metal content
- ▶ Good compatibility with a range of ink formulants
- ▶ Internationally registered



Typical Properties	
Chemical Class	Sulfonated azo dye
Strength	Liquid product contains nominally 7.5% active colorant
Typical loading in ink vehicle	60% w/w
pH Stability Range	7.0 - 10.0



Spectral Properties (in solution)	
Solution OD:	1.20 - 1.30 (@ 270 ppm)
λ max:	ca 408 nm
Physical Analysis	
Filterability:	Passes 0.45 micron
Viscosity at 25°C:	2.0 - 3.0 cps
Surface Tension at 25°C:	>/ = 45 dynes cm ⁻¹
Chemical Analysis	
Metals	Fe < 4 ppm
	Ca < 4 ppm
Salts	Cl < 35 ppm
	SO ₄ < 75 ppm

Related Dye-Based Liquids

Other Pro-Jet products in this range

- ▶ Pro-Jet™ Magenta 1
- ▶ Pro-Jet™ Magenta 3B-OA
- ▶ Pro-Jet™ Violet 631

Other Pro-Jet Yellow products

- ▶ Pro-Jet™ Yellow 1
- ▶ Pro-Jet™ Yellow OAM

- ▶ Pro-Jet™ Cyan 1
- ▶ Pro-Jet™ Yellow 1
- ▶ Pro-Jet™ Yellow 492

- ▶ Pro-Jet™ Fast Black 1
- ▶ Pro-Jet™ Black 168

- ▶ Pro-Jet™ Fast Yellow 2
- ▶ Pro-Jet™ Yellow 492

- ▶ Pro-Jet™ Yellow 746

Print Properties	Plain Paper	Photo Paper (Swellable)	Photo Paper (Microporous)
ROD	0.89	1.40	1.68
L*	86	88	91
a*	-2	-6	-8
b*	69	90	102
C	69	90	103
Hue	92	94	95
Light fastness (delta E)	n/a	6	10

Wet Fastness (Plain Paper)

Rated 7/10 on arbitrary scale where 1 = severe bleed and 10 = no bleed.

Prints prepared using a generic ink formulation containing 3.5% dye and having an ink pH of 8-9.

Spectral measurements carried out with Gretag Macbeth Spectrolino with D65 illumination and 2 degree observer.

Fade carried out using an Atlas Ci5000 Weatherometer for 100 hours at 70% density.

Product Registration

PRO-JET Yellow 1G Liquid is notified under the applicable toxic/regulatory statutes in EU, USA, Canada, Australia, Japan, Korea, China, Switzerland and the Philippines. Please check full product registration with your local FFIC sales manager.

Product Packaging

This product is available in 20kg and 200kg packages as standard and must be kept frost-free.

Product Safety

Please refer to the product MSDS which is available in most major European languages, in both EU and US format.

For further information on Pro-Jet™ dye-based liquids please contact:

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