

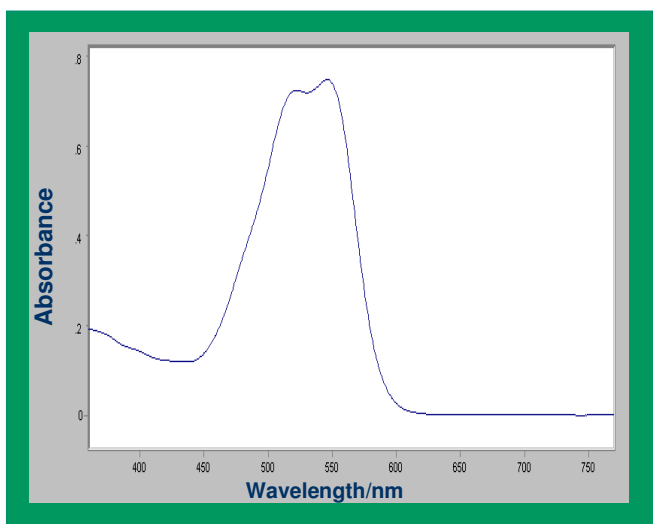
## Pro-Jet™ Magenta 1 Liquid

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

- ▶ Bright all round dye performance for a range of applications
- ▶ Highly purified to ensure low salt and metal content
- ▶ Good compatibility with a range of ink formulants
- ▶ Manufactured specifically for ink jet use
- ▶ Internationally registered



Typical Properties	
Chemical Class	Sulfonated azo dye
Strength	Liquid product contains nominally 10% active colorant
Typical loading in ink vehicle	50% w/w
pH Stability Range	7.0 - 8.0



Spectral Properties (in solution)	
Solution OD:	0.67 - 0.73 (@ 200 ppm)
λ max:	ca 523 nm
Physical Analysis	
Filterability:	Passes 0.45 micron
Viscosity at 25°C:	1.0 - 2.0 cps
Surface Tension at 25°C:	>/ = 45 dynes cm <sup>-1</sup>
Chemical Analysis	
Metals	Fe < 10 ppm
	Ca < 5 ppm
Salts	Cl < 50 ppm
	SO <sub>4</sub> < 100 ppm

### Related Dye-Based Liquids

Other Pro-Jet products in this range

- ▶ Pro-Jet™ Cyan 1
- ▶ Pro-Jet™ Magenta 3BOA
- ▶ Pro-Jet™ Violet 631

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

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

Other Pro-Jet Magenta products

- ▶ Pro-Jet™ Fast Magenta 2
- ▶ Pro-Jet™ Red OAM

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

- ▶ Pro-Jet™ Magenta 432

Print Properties	Plain Paper	Photo Paper (Swellable)	Photo Paper (Microporous)
ROD	1.06	1.69	1.89
L*	53	47	50
a*	62	79	86
b*	-6	-4	-8
C	63	80	86
Hue	355	357	355
Light fastness (delta E)	n/a	33	49

### 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 Magenta 1 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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