

# Diamond D71Y

Aqueous Yellow Pigment Dispersion

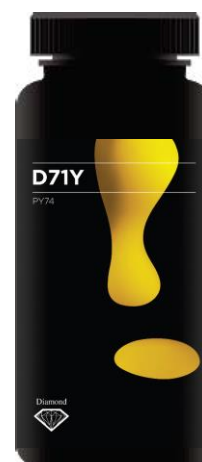
PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

Based on the high-quality inkjet grade pigment PIGMENT YELLOW 74, D71Y provides vibrant, long-lasting colours and good printability. Having been stabilised utilising Diamond's dispersing technology, this tried and tested dispersion is also extremely stable and easy to formulate.

## PHYSICAL CHARACTERISTICS\*

Appearance	Yellow liquid
CI Reference	Pigment yellow 74
Pigment solids content (%)	18 ±0.5
pH	6.0 - 8.0
Viscosity (mPas) at 25°C & 60 rpm	<10
Surface Tension at 25°C (mN/m)	33-43
Average mean particle size (nm)	<150
Conductivity at 25°C (µS)	<1500
Lightfastness (blue wool scale)	5-6



\* Property values represent typical results only and are not to be considered specifications.

## TYPICAL APPLICATIONS

	Highly recommended	Recommended	Not recommended
Inks for Desktop	X		
Indirect food contact packaging*	X		
Direct to fabric inks for cotton	X		
Direct to fabric inks for polyester/cotton		X	
Inks for Thermal Heads		X	

\*Swiss Ordinance Annex 10 compliant

### Notes for use

Always combine colourless components of the ink formulation first, and add them to the dispersion slowly, whilst stirring. Adding the dispersion to the ink vehicle could cause it to shock, rendering the product unusable.

## SHELF LIFE/STORAGE

Store out of direct sunlight, and at temperatures between 5°C and 40°C. Do not allow the dispersion to freeze.

Recommended re-test date (RRD) is 1 year from the date of manufacture.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at <https://www.diamonddispersions.com/contact/>