

## Technical Data Sheet

### Product description

Product Name: Permanent Yellow GRY 80

Color Index: Pigment Yellow 174

C.I.No. 21098

CAS No. 78952-72-4

EC No. 279-017-2

Chemical Group:Disazo

Chemical Formula:  $C_{35}H_{32}Cl_2N_6O_4$

### Physical Properties

Test Item	Specification	Results
Cont of water % $\leq$	2.5	0.65
Soluble matter in water % $\leq$	2.0	0.75
Oil absorption %	45 $\pm$ 5	46.23
Water permeate (grade)	5	5.3
Oil permeate (grade)	5	5.6
Conductivity ( $\mu$ m/cm) $\leq$	250	184
Quality of total (ppm)	200	106
Residues passing through(100mesh)% $\leq$	5.0	2.6
Ph value	6.5-7.5	6.9

### Fastness Properties (5=excellent, 1=poor)

Acid Resistance	3	Soap Resistance	3
Alkali Resistance	3	Bleeding Resistance	3
Alcohol Resistance	4	Gloss	Good
Heat Resistance	180 $^{\circ}$ C	Absorption	45-50
Benzene Resistance	3		
Ketone Resistance	3		

### Application and Advantage

Recommended for offset printing ink,web offset printing inks,news paper ink,magazine ink,UV ink & coating etc.Reddish type for your choice.Its the updated grade based on PY13.It has good color strength,transparent and good flow.Its advantage is low viscosity on the offset printing ink and high colorant strength.If any questions,pls contact us freely.

### Package and Delivery

25KG Kraft bag,400KG Carton Box.

Lead Time: Normally around 15 days after signed contract.

Hangzhou Fancheng Chemical Co.,Ltd  
Website:[www.finelandpigment.com](http://www.finelandpigment.com)

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