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## TECHNICAL DATA SHEET

### Diarylide Yellow HR02

CI NO.: P. Y. 83



Diarylide Yellow HR02 affords strong reddish shade. Exhibits both good light fastness and solvent fastness. It's processed by air jet milling. Mainly used for plastics, extended used for inks and coatings.

### Identification

Color Index	Pigment Yellow 83
C.I. NO.	21108
CAS NO.	5567-15-7
EU NO.	226-939-8
Molecular Formula	C <sub>36</sub> H <sub>32</sub> Cl <sub>4</sub> N <sub>6</sub> O <sub>8</sub>
Chemical Group	Diarylide

### Physical and Fastness

Moisture (%)	≤1.5	Acid Resistance	5
Water Soluble Matter (%)	≤1.0	Alkali Resistance	5
Oil Absorption (ml/100g)	35-45	Alcohol Resistance	5
Electric Conductivity (us/cm)	≤500	Ester Resistance	5
Fineness (100mesh) %	≤5.0	Benzene Resistance	5

PH Value	6.5-7.5	Ketone Resistance	5
		Soap Resistance	5
		Bleeding Resistance	5
		Migration Resistance	5
		Heat Resistance (°C)	200
			7
		Light Fastness (8=excellent)	

## Application

1. Inks: used for mainly printing technique purposes preferred highly transparent;
2. Coatings: used for powder coatings;
3. Plastics: used low temperature process plastics, extended for fibers.