

Pigment Yellow 83 - Diarylide Yellow Pigment

Pigment Yellow 83 is a reddish diarylide yellow pigment with good fastness properties. It offers a wide range of particle size distributions and coloristic properties, making it suitable for different applications. It is used in coatings, plastics, and printing inks.

In the coatings industry, fine-particle-size grades are suitable for transparent and metallic finishes, as well as industrial and decorative paints with moderate light-fastness requirements. We also provide high-hiding-power grades, which are ideal for coating systems requiring good opacity. It is also used as a base pigment in textile applications.

In plastics, the pigment is widely used due to its good solvent resistance. It shows excellent resistance to migration in plasticized PVC, even at low pigment levels, and does not exhibit bleeding or blooming.

The pigment can be used for a wide range of printing techniques and applications. In particular, highly transparent grades are used on aluminum foil and metal sheets, where they produce brilliant golden shades.

Pigment Yellow 83 complies with the relevant requirements of the EU REACH regulations.

Recommended Products

TCY08301	Full Color	Tint Color
TCY08301FG	Full Color	Tint Color
TCY08301P	Full Color	Tint Color
TCY08302R	Full Color	Tint Color
TCY08303NC	Full Color	Tint Color
TCY08304HC	Full Color	Tint Color
TCY08305	Full Color	Tint Color
TCY08305P	Full Color	Tint Color
TCY08307	Full Color	Tint Color
TCY08308	Full Color	Tint Color
TCY08309	Full Color	Tint Color

Application Performance

● = Recommended ○ = Limited suitability or potential use Blank space = Not recommended or we have not tested yet



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Coatings

TC Product	Automotive		Industrial				Decorative		Textile
	OEM	Refinish	S/B	W/B	Powder Coating	Hot-melt Traffic Paint	S/B	W/B	
TCY08301			●	●	●		○	○	●
TCY08302R			○	○	○		○	○	●
TCY08304HC						●			
TCY08305	○	○	●	●	●		●	●	
TCY08305P	○	●	●	●	●		●	●	



Plastics

TC Product	General										Fiber	
	PE	PP	PVC	PS	ABS	POM	PMMA	PA6	PC	PET	PP	PET
TCY08301FG	○	○	●			○						
TCY08301P	○	○	●			○						
TCY08309	○	○	●			○						



Inks

TC Product	Offset		W/B	S/B			UV	
	Sheetfed	Metal		NC	PU	Other	Offset	Flexo
TCY08301	●	○	●	●	○	○	●	○
TCY08303NC	○			●		○	○	
TCY08307	●	●		○		○	●	
TCY08308	●	○	●	○			●	

