



Pigment Yellow 83

for Plastics -Diarylide Yellow Pigment



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Pigment Yellow 83 for Plastics - Diarylide Yellow Pigment

Pigment Yellow 83 is a reddish diarylide yellow pigment with high color strength and good light fastness properties. It is a widely used pigment for applications requiring a reddish-yellow shade.

PY83 is widely used in polyolefins (PO) and PVC, particularly in plasticized PVC (PVC-P) applications such as artificial leather and low-voltage cables. It provides good dispersibility and excellent migration resistance. Its good solvent resistance helps prevent migration, bleeding, and blooming in PVC, even at low pigment concentrations.

It is well known that diarylide pigments may undergo thermal decomposition when processed above 200°C. Therefore, the processing temperature for PY83 should not exceed 200°C.

Recommended Products

TCY08301FG	Full Color	Tint Color
TCY08301P	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

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