



**REACH Status : Pre Registered**

Product Description			
CI Generic Name	<b>Pigment Yellow 83</b>	SI Product Code	<b>SO-CO 1015T</b>
CI No.	21 108	CAS No.	5567-15-7
EINECS No.	226-939-8	Chemical Type	Diarylide Yellow
Molecular Formula	C36H32Cl4N6O8	Molecular Weight	818.49
Chemical Name: 2,2'-(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo))bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]			

Physical Properties	
Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	75-85
Bulk Density(gm/ml)	25-40
Salt Content (%) Max.	1
Moisture Content (%) Max.	1

Mass Tone : 5%	Tint Tone : 1:10 Ratio
	

Fastness properties		
Heat °C		200
Light	Mass Tone	6-7
Light	Tint Tone	6-7
Weather	Mass Tone	3
Weather	Tint Tone	2-3
Overspray		5

Solvent Fastness properties	
Water	5
Acid	5
Alkali	5
Ethanol	4-5
MEK	4-5
Mineral Spirit	5

Application	
Automotive Paints	○
Decorative Paints	●
General Industrial Paints	●
Powder Coatings	●
Coil Coating	
●	recommended
○	limited suitability

Specification	
Coloristic properties -Tint	Strength : ± 5 %
Coloristic properties - Tint	DA,DB,DE,DC,DH,DL: ± 1
Light fastness : Scale 1- 8	1~Poor & 8 ~ Excellent
Weather fastness : Scale 1- 5	1~Poor & 5 ~ Excellent
Overspray : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent

Note:

The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade.  
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