

Technical Data Sheet- Coating

Version - 1

Date: 13/01/2018

Full tone

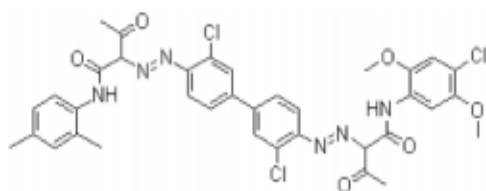
Reduction



Product Description

Colour Index Name	Pigment Yellow - 83
Colour Index No.	21108
CAS number	5567-15-7
Chemical name	Diarylide Yellow

Structural Formula



Physical Properties

Parameter	Values	Method
Specific gravity	1.5 gm/cm ³	IS-3493
Oil absorption	30 g/100g (±5 gm)	IS-3493
pH of aqueous extract	6.0-8.0	IS-3493
Moisture content	Max. 1.0 %	IS-3493
Residue on sieve (45 µm)	Max. 0.5%	IS-3493

Resistance to Bleeding

Water	5
Ethanol	4
N-Butanol	4
Acetone	4
Toluene	4
MTO	5
Linseed Oil	5

Fastness Properties

Parameter	Values	Method
Heat Stability (10 min)	200°C	IS-3493
Acid resistance (1 - 5)	5	IS-3493
Alkali resistance (1 - 5)	5	IS-3493
Light Fastness (1 - 8)		
Full shade	7	IS-3493
Weather Fastness (1 - 5)		
Full shade	5	ISO 11341

Applications

Alkyd / Stoving	●
Water Based	●
Coil Coating	●
Automotive /Refinish / Road Marking	●
Powder Coating	●

- - Major use
○ - Potential use

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