

TECHNICAL SPECIFICATION OF Yellow – 83

- **PRODUCT :-**

A. NAME	: DIARYLIDE YELLOW - 83
B. COLOUR INDEX NAME	: Diarylide Yellow - 83
C. COLOUR INDEX NUMBER:	21108
D. CHEMICAL CLASS	: Diarylide Pigment
E. CAS NO.	: 5567-15-7

- **PHYSICAL DATA :-**

A. SPECIFIC GRAVITY	: 1.27 - 1.50
B. OIL ABSORPTION	: 39 to 98
C. SIEVE RESIDUE (350 MESH)	: 1% Max.
D. MOISTURE CONTENT	: 1% Max.
E. WATER SOLUBLE	: 1% Max.
F. PH OF AQUEOUS EXTRACT	: 4.4 - 7.0
G. BULK DENSITY	: 0.41 g/cc
H. HEAT STABILITY	: 200 Centigrade

- **FASTNESS PROPERTIES:** ((1-5 Scale; 1 Poor – Excellent)

Water	-> 5	Alkali	-> Very good
Linseed Oil	-> 5	Acid	-> Very good
Ethanol	-> 4	Di Octyl Phthalate	-> 4
Ethyl Acetate	-> 3 - 4	Cellosive	-> 2
Xylene	-> 3 - 4	Mineral Turpentine	-> 4 - 5
N-Butanol	-> 3 - 4	Methyl Ethyl Ketone	-> 2 - 3

- **LIGHT FASTNESS:** (1-8 Scale; 1 Very Low – 8 Outstanding)

Full Tone	-> 7 - 8	Tinted	-> 5
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- **APPLICATIONS :** Textiles, Paints, Printing Ink, Plastics, Rubber, Soap etc.

- **HAZARDOUS INGREDIENTS :** None

- **NOTES :** This technical information is offered for guidance but without guarantee.