



## TECHNICAL SPECIFICATION OF YELLOW : 83

### ❖ PRODUCT :

A. NAME	: Diarylide Yellow 83
B. CHEMICAL CLASS	: Diarylide Pigment
C. COLOUR INDEX NAME	: Diarylide Yellow 83
D. COLOUR INDEX NUMBER	: 21108
E. CAS NUMBER	: 5567-15-7

### ❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.27 - 1.50
B. OIL ABSORPTION	: 39 to 98 CC
C. SIEVE RESIDUE (350 MESH)	: 1% Maximum
D. MOISTURE CONTENT	: 1% Maximum
E. WATER SOLUBLE	: 1% Maximum
F. PH OF EQUQUEOUS EXTRACT	: 4.4 - 7.0
G. BULK DENSITY	: 0.41 g/cc
H. HEAT STABILITY	: 200 Centigrade

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

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

### ❖ LIGHT FASTNESS : (1-8 Scale; 1 very low – 8 Outstanding)

Full Tone : 7-8                      Tinted : 5

❖ APPLICATIONS : Textiles, Paints, Printing ink, Plastics, Rubber, Soap.

❖ HAZARDOUS INGREDIENTS : None

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