

### TECHNICAL SPECIFICATION OF RED 49 : 1

• **PRODUCT:**

- (a) NAME : Pigment Red 49:1  
 (b) CHEMICAL TYPE : Organic  
 (c) COLOR INDEX NAME : Pigment Red 49 : 1  
 (d) COLOR INDEX NUMBER : 15630 : 1  
 (e) CHEMECAL CLASS : Mono Azo (Barium Salt of Acid Dye)  
 (f) CAS NO. : 1103-38-4

• **PIGMENT PROPERTIES :**

- (a) SPECIFIC GRAVITY : 1.70  
 (b) OIL ABSORPTION : 60 CC.  
 (c) pH OF AQUEOUS Extract : 7

• **HEAT RESISTANCE :**

- (a) 120 Centi. for 30 minutes : 5  
 (b) 150 Centi. for 20 minutes : 4-5  
 (c) 180 Centi. for 10 minutes : 4-5

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

Water	: 4-5	Linseed Oil	: 4
Xylene/Toluene	: 3-4	Butanol	: 4
Butyl Acetate	: 3	Methyl Ethyl Ketone	: 3
Cellosolve	: 3	Soap	: 2
White Spirit	: 4	Dibutyl Phthalate	: 3
Wax	: 4	Alkali	: 4
Detergent non-ionic	: 5	Detergent Ionic	: 3-4
Edible Oils & Fats	: 5	Lime	: 4
Dibutyl Phthalate	: 3		

• **LIGHT FASTNESS : ( 1 - 8 Scale : 1 very low - 8 Outstanding)**

Full Shade : 5-6                      Tint ( 1:10) Shade : 3-4

• **APPLICATIONS: (PRINTING INK) :**

- Resistance to Lithographic Breakdown : Satisfactory  
 Resistance to Steam Sterilization : 4  
 Flow : Good  
 Transparency : Excellent

- **APPLICATIONS** : Printing Inks, Paints, Alkyd resin, Rubber, Linoleum, Wrapper-Wallpaper & foil printing, PVC plastics etc.
- **HAZARDOUS INGREDIENTS** : None
- **NOTES** : This technical information is offered for guidance but without guarantee.