

### **TECHNICAL SPECIFICATION OF Red- 23**

- **PRODUCT :**

A. NAME	: Pigment Red-23
B. CHEMICAL INDEX NUMBER	: 12355
C. CHEMICAL CLASS	: Mono Azo Pigment without lake forming groups
D. COLOUR INDEX NAME	: Pigment Red-23
E. CAS NUMBER	: 6471-49-4

- **PHYSICAL PROPERTIES :**

A. SPECIFIC GRAVITY (20'C)	: 1.5
B. OIL ABSORPTION	: 38 + 2 cc
C. SIEVE RESIDUE (200 MESH)	: 1% Max
D. MOISTURE CONTENT	: 1% Max.
E. WATER SOLUBLE	: 1% Max.
F. ph of 2% Extract	: 6.9 + 0.3

- **HEAT STABILITY (IN POINT) :**

A. 110 C FOR 30 minuts	-	Stable
B. 120 C FOR 20 minuts	-	Stable
C. 140 C FOR 10 minuts	-	Stable

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

Water	5	Ethanol	1-2
Ethanol	1-2	Alkali	4
Butyl Acetate	1-2	D.O.P	1
Mineral Turpentine	1-2	Acid	5
Xylene	1-2	Linseed Oil	5

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

Shade : 5-6                      Shade : 1:10    TiO<sub>2</sub>            Shade : 3

- **APPLICATIONS** : Textiles, Paints, Printing Ink, Plastics Rubber, Soap & Cement Colour.

- **HAZARDOUS INGREDIENTS** : None

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