



## TECHNICAL SPECIFICATION OF RED : 112

### ❖ PRODUCT :

A. NAME	: Pigment Red 112
B. CHEMICAL TYPE	: Organic
C. COLOUR INDEX NAME	: Pigment Red 112
D. COLOUR INDEX NUMBER	: 12370
E. CAS NUMBER	: 6535-46-2
F. CHEMICAL FORMULA	: C <sub>24</sub> H <sub>16</sub> O <sub>2</sub> N <sub>2</sub>

### ❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.41
B. OIL ABSORPTION	: 75 Gms/100 Gms
C. GRIT CONTENT	: Less than 500 PPM
D. MOISTURE CONTENT	: 1% Maximum
E. WATER SOLUBLE	: 1% Maximum
F. PH OF EQUQUEOUS SOLN	: 6.5 to 7
G. HEAT STABILITY	: 180 D.C. for 5 minutes
H. POWDER APPEARANCE	: Red Fine Dry Powder
I. PARTICLE SIZE	: 240 Mesh minimum
J. TEXTURE	: Soft
K. TINTING STRENGTH	: Good Tinctorial Strength

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

Water	5	Butanol	3-4
Ethanol	4	Acetone	3-4
Butyl Acetate	3-4	Toluene	2-3
Mineral Turpentine	4	Soap	4
Methyl Ethyl Ketone	3	Linseed Oil	4-5
Acid	5	Alkali	5
Xylene	2	D.O.P	4

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

Full Tone : 5-6                      Tinted : 5

### ❖ APPLICATIONS : Paints, Printing ink, Soap & Cement colour.

### ❖ HAZARDOUS INGREDIENTS : None

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