



TECHNICAL SPECIFICATION OF RED : 8

❖ PRODUCT :

A. NAME	: Pigment Red F4R
B. CHEMICAL CLASS	: Mono Azo Pigment if naphthol as rangal without lack forming group
C. CHEMICAL TYPE	: Organic
D. COLOUR INDEX NAME	: Pigment Red 8
E. COLOUR INDEX NUMBER	: 12335
F. CAS NUMBER	: 6410-30-6

❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.46
B. OIL ABSORPTION	: 39 CC
C. SIEVE RESIDUE (350 MESH)	: 1% Maximum
D. MOISTURE CONTENT	: 1% Maximum
E. WATER SOLUBLE	: 1% Maximum
F. PH OF EQUQUEOUS SOLN	: 7

❖ HEAT RESISTANCE :

A. 120 Centi. For 30 Minutes	: Stable
B. 150 Centi. For 20 Minutes	: Tends to darker
C. 180 Centi. For 10 Minutes	: Darker

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

Water	5	Butanol	3
Ethanol	3	Acetone	3
Butyl Acetate	3	Xylene	3
Mineral Turpentine	3	5% Soap Soln	5
Methyl Ethyl Ketone	3	Linseed Oil	4-5

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

25% Shade : 5 10% Shade : 4 5% Shade : 3

❖ APPLICATIONS : Paints, Printing ink, Textile, Soap, Cement colour.

❖ HAZARDOUS INGREDIENTS : None

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