



## TECHNICAL SPECIFICATION OF ORANGE : 13

### ❖ PRODUCT :

A. NAME	: Permanent Orange-G
B. CHEMICAL CLASS	: Dia Azo Pigment Pyrazolon Orange
C. CHEMICAL TYPE	: Organic
D. COLOUR INDEX NAME	: Pigment Orange 13
E. COLOUR INDEX NUMBER	: 21110
F. CAS NUMBER	: 3520-72-7

### ❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.5
B. OIL ABSORPTION	: 37 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	: Stable
C. 180 Centi. For 10 Minutes	: Tends to dark

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

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

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

25% Shade : 5	10% Shade : 4-5	5% Shade : 3
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❖ APPLICATIONS : Textile, Paint, Printing ink, Plastics, Rubber, Soap, Cement colour.

❖ HAZARDOUS INGREDIENTS : None

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