



## TECHNICAL SPECIFICATION OF ORANGE : 5

### ❖ PRODUCT :

A. NAME	: Dinitraniline Orange
B. CHEMICAL CLASS	: Dinitraniline
C. CHEMICAL TYPE	: Organic
D. COLOUR INDEX NAME	: Pigment Orange 5
D. COLOUR INDEX NUMBER	: 12075
E. CAS NUMBER	: 3468-63-1

### ❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.3
B. OIL ABSORPTION	: 50 to 100 gms. Pigment Powder
C. SIEVE RESIDUE (350 MESH)	: 1% Maximum
E. MOISTURE CONTENT	: 1% Maximum
F. WATER SOLUBLE	: 1% Maximum
G. PH OF EQUQUEOUS SOLN	: 3.5 to 7

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

Water	5	Butanol	4
Alkali	4	Acetone	4
Butyl Acetate	4	Xylene	4
Mineral Turpentine	4	Soap	4
Methyl Ethyl Ketone	5	Linseed Oil	5
Acid	5		

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

Full Tone : 6                      Tinted : 4

### ❖ APPLICATIONS : Textiles, Water base paints & PVC.

### ❖ HAZARDOUS INGREDIENTS : None

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