

# MAHAVIR TRADING CO

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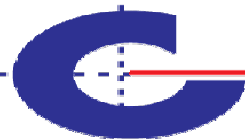
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JAS-ANZ



ISO 9001:2008  
CERTIFIED

## TECHNICAL SPECIFICATION OF PIGMENT ORANGE 5

**GENERAL DESCRIPTION :** BRILLIANT REDDISH COLOUR AND STRONG STRENGTH. IT IS MAINLY USE IN PAINT, WATER BASE EMULSION, OFFSET INK AND OTHERS.

### PRODUCT DESCRIPTION

NAME: PIGMENT ORANGE 5	CAS NO. : 3468-63-1
CODE NO. : 3010	EINECS NO: 222-429-4
CI NAME: PIGMENT ORANGE 5	CHEMICAL CLASS : BETA NAPTHOL
CI NO. : 12075	CHEMICAL TYPE : ORGANIC

### PHYSICAL & CHEMICAL PROPERTY

APPEARANCE : ORANGE POWDER	MOSITUR CONTENT: 0.5% MAX
DENSITY: 1.5 g/cc	WATER SOLUBLE: 0.5% MAX
pH OF AQUEOUS SOLUTION: 7.0	OIL ABSORPTION: 35
SPECIFIC GRAVITY: 1.47	SIEVE RESIDUE : 0.1% MAX (240 MESH)

### SOLVENT RESISTANCE (1-5 SCALE : 1 – POOR 5 - EXCELLENT)

Water :5	Acetone :5
Linseed Oil :5	Ethanol :4
Butanol:5	MEK :3
Xylene :3	MTO :5
Butyl Acetate :4	5% Soap SOLn :4
ALKALLI FASTNESS : 4	ACID RESISTANCE : 4

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

FULL SHADE : 7	REDUCE SHADE : 6
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### HEAT RESISTANCE

A 160 CENTI FOR 10 MIN : STABLE  
B 180 CENTI FOR 5 MIN : DARKER

### APPLICATION

INK	WATER BASE
PAINT	WATER BASE

TEXTILE

WATER BASE EMULSION