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IAS-ANZ



## TECHNICAL SPECIFICATION OF PIGMENT ORANGE 13

**GENERAL DESCRIPTION :** PIGMENT ORANGE 13 IS A REDDISH SHADE ,GOOD FASTNESS TO LIGHT AND WATER. RECOMMENDED FOR PAINT, INK, WATER BASE AND PLASTIC.

### PRODUCT DESCRIPTION

NAME: PIGMENT ORANGE G	CAS NO. : 3520-72-7
CODE NO. : 3035	EINECS NO: 222-530-3
CI NAME: PIGMENT ORANGE 13	CHEMICAL CLASS : DIAZO PIGMENT PYRAZOLON ORNAGE
CI NO. : 21110	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: 37
SPECIFIC GRAVITY: 1.48	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
ALKALI 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	OFFSET, POLYAMIDE, VINYL, PU, NC, HDPE, SCREEN, WATER BASE
PAINT	ALKYD, EPOXY, NC, WATER BASE
PLASTIC	MASTER BATCHES, FILMS
TEXTILE	WATER BASE EMULSION
PU FOAM	PU FOAM
COSMETIC	DRY COLOR, KUMKUM, RANGOLI