

# MAHAVIR TRADING CO

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## TECHNICAL SPECIFICATION OF PIGMENT BLUE 15.3

### GENERAL DESCRIPTION : GREENER TRANSPARENT SHADE

#### PRODUCT DESCRIPTION

NAME: PIGMENT BETA BLUE	CAS NO. : 147-14-8
CODE NO. : 1050	EINECS NO: 205-685-1
CI NAME: PIGMENT BLUE 15.3	CHEMICAL CLASS : COPPER PHTHALOCYanine BLUE
CI NO. : 74160	CHEMICAL TYPE : ORGANIC

#### PHYSICAL & CHEMICAL PROPERTY

APPEARANCE : BLUE POWDER	pH OF AQUEOUS SOLUTION: 7.0
DENSITY: 1.5 gm/cc	SPECIFIC GRAVITY: 1.45
MOSITUR CONTENT: 0.5% MAX	OIL ABSORPTION: 45 CC
WATER SOLUBLE: 0.5% MAX	SIEVE RESIDUE : 0.1% MAX (240 MESH)

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

Water	:5	Acetone	:5
Linseed Oil	:5	Ethanol	:5
Butanol	:5	MEK	:5
Xylene	:5	MTO	:5
Butyl Acetate	:5	5% Soap SOLn	:5
ALKALI RESISTANCE	:5	ACID RESISTANCE	:5

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

FULL SHADE : 8	REDUCE SHADE : 8
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#### HEAT RESISTANCE

A 180 CENTI FOR 30 MIN : STABLE  
B 250 CENTI FOR 20 MIN : STABLE  
C 280 CENTI FOR 5 MIN : STABLE

#### 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