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JAS-ANZ



TECHNICAL SPECIFICATION OF PIGMENT ALPHA BLUE 15.1

GENERAL DESCRIPTION : PIGMENT BLUE 15.1 IS SEMI TRANSPARENT,CLEAN, BRIGHT AND REDDER TONE WITH EXCELLENT LIGHT FASTNESS & HEAT STABILITY MAINLY USED IN PLASTIC MASTERBATCH.

PRODUCT DESCRIPTION

NAME: PIGMENT ALPHA BLUE	CAS NO. : 12239-87-1
CODE NO. : 1011	EINECS NO: 205-685-1
CI NAME : PIGMENT BLUE 15.1	CHEMICAL CLASS : COPPER PHTHALOCYanine BLUE
CI NO. : 74160	CHEMICAL TYPE : ORGANIC

PHYSICAL & CHEMICAL PROPERTY

APPEARANCE: BLUE POWDER	MOSITUR CONTENT: 0.5% MAX
DENSITY: 1.5 gm/cc	WATER SOLUBLE : 0.5% MAX
pH OF AQUEOUS SOLUTION: 7.0	OIL ABSORPTION : 50
SPECIFIC GRAVITY: 1.42	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
ALKALLI 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 20 MIN : STABLE
B 240 CENTI FOR 10 MIN : STABLE
C 280 CENTI FOR 5 MIN : STABLE

APPLICATION

PLASTIC | MASTER BATCHES, FILMS