



SONA SYNTHETICS PRODUCTS

Plot No : C-1-B/2704/8 , III rd Phase , G.I.D.C. , Vapi - 396195, Gujarat.

TECHNICAL DATA SHEET

Product Detail

Product Name	Phthalo Alfa Blue
Color Index Name	Pigment Blue 15:1
Chemical Formula	$C_{32}H_{16}CuN_8$
Molecular weight	576
Code No.	SC/AB-9010 & SC/AB-9095
Substance Name	Copper phthalocyanine Blue
Pigment Description	Phalocyanine Alfa Blue
Color Index No.	74160
CAS No.	147-14-8
EINECS No.	205-685-1

Physical & chemical Properties

Physical State	Solid
Appearance	Dry Blue Powder
Odor	Odorless
Specific Gravity (Water=1)	1.5 - 1.6
Water Soluble	1% Max.
Sieve Residue (300 Mesh/44 micron)	Max. 0.5 %
Oil Absorption	35 -40 W/W
Bulk Density	0.3 - 0.4
pH	6.50 - 7.50
Moisture Content	1% Max.
Chemical Stability	Stable
Hazardous ingredients	Nil

Bleed Resistance in (1-Poor: 5-Exellent)

Water	5
Xylene	5
Ethanol	4
Linseed Oil	5
Methyl Ethyl Keton	4

Resistance Properties in (1-Poor: 5-Exellent)

5 % NaOH (Alkali)	5
5% HCl (Acid)	5

Resistance Properties in (1-Poor: 5-Exellent)

Heat (280' C/5 Min.)	5
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Fastness Properties in (1-Poor: 8-Exellent)

Light	7
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