

## TDS OF PHTHALOCYANINE ALPHA BLUE

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Product Name	Phthalocyanine Alpha Blue
Chemical Class	Copper Phthalocyanine Blue
Chemical Formula	C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Cu
Molecular Weight	576
C.I. Name	Pigment Blue 15:1
Bulk Density (gm/cc)	0.30-0.55
C.I. Number	74160
Cas Number	147-14-8
Odour	Odourless
Physical appearance	Blue powder
Solubility in water	Insoluble
Specific Gravity (20°C)	1.5 to 1.6
pH of 10% Aq. Soln.	6-8
Heat stability	Stable at 280 °C for 5 min.
Hazardous Content	Non-Hazardous
Moisture Content	< 0.50%
Sieve residue (on 325 BSS Mesh)	< 0.50%
Oil absorption (ml/100gm)	35 to 45
Solvent Fastness	Excellent
Light Fastness	Outstanding
Chemical Resistance	Excellent

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