

SPECIFICATION

Copper Phthalocyanine

Parameters	Specification
CAS Number	147-14-8
Appearance	Dark blue-green powder
Molecular Formula	C ₃₂ H ₁₆ CuN ₈
Molecular Weight	576.08 g/mol
Boiling Point	600 °C
Melting Point	535 °C
Flash Point	300 °C
Purity	98–99%
Refractive Index	1.7
Solubility	Insoluble in water; insoluble in most organic solvents; soluble in concentrated sulfuric acid and some chlorinated solvents under specific conditions
Uses	Pigment for paints, coatings, plastics, inks; widely used as blue pigment; also of interest in organic electronics and dye-sensitized applications



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