

SPECIFICATION

3,3-Dichlorobenzidine

Parameters	Specification
CAS Number	91-94-1
Appearance	Yellow-brown crystalline solid
Molecular Formula	C ₁₂ H ₁₀ Cl ₂ N ₂
Molecular Weight	253.13 g/mol
Boiling Point	311 °C
Melting Point	235 °C
Flash Point	125 °C
Purity	98–99%
Refractive Index	1.59
Solubility	Slightly soluble in water; soluble in organic solvents (acetone, ethanol, dichloromethane, toluene).
Uses	Intermediate for benzidine-based dyes; pigment manufacturing; restricted due to carcinogenic potential.



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