

SPECIFICATION

Ferrocene

Parameters	Specification
CAS Number	102-54-5
Appearance	Orange crystals
Molecular Formula	C ₁₀ H ₁₀ Fe
Molecular Weight	186.04 g/mol
Boiling Point	398 °C
Melting Point	173 °C
Flash Point	125 °C
Purity	98–99%
Refractive Index	1.62
Solubility	Insoluble in water; soluble in organic solvents such as benzene and toluene
Uses	Used in organometallic synthesis as a ligand and catalyst precursor; research reagent in coordination chemistry and materials science

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