

SPECIFICATION

Iodine

Parameters	Specification
CAS Number	7553-56-2
Appearance	Shiny dark-purple-black crystals
Molecular Formula	I ₂
Molecular Weight	126.904 g/mol
Boiling Point	184.3 °C
Melting Point	113.7 °C
Flash Point	Not applicable
Purity	99–99.9%
Refractive Index	1.660
Solubility	Sparingly soluble in water; soluble in carbon disulfide and organic solvents
Uses	Antiseptic; nutritional supplement (iodized salt); catalyst in chemical synthesis; photography; analytical reagent



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