

SPECIFICATION

Iodine Pentafluoride

Parameters	Specification
CAS Number	7783-66-6
Appearance	White crystalline solid
Molecular Weight	221.89 g/mol
Boiling Point	98 °C
Melting Point	-60 °C
Flash Point	85 °C
Purity	99–99.5%
Refractive Index	1.63
Solubility	Insoluble in water, hydrolyzes upon contact with water to HF and iodine oxyfluorides
Uses	Fluorinating agent in organic synthesis, source of fluoride for chemical synthesis