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## Typical Product Specifications & Properties

# Iodine

CAS Number: : 12190-71-5; 7553-56-2

| Specifications     | Limits                                                                                        |
|--------------------|-----------------------------------------------------------------------------------------------|
| Density            | 4.98                                                                                          |
| Very Soluble       | in water                                                                                      |
| Odor               | bluish-black scales or plates, metallic luster, char. odor, sharp acid taste                  |
| Vapor Pressure     | 1 mm hg (38.7 c), 0.030 mm hg (solid, 0 c)                                                    |
| Melting Point      | 113.6 c                                                                                       |
| Molecular weight   | 253.81                                                                                        |
| Solubility         | chloroform, ccl4, glac. acetic acid, alkaline iodide soln., oxygenated and chlorinated solvs. |
| Boiling Point      | 185 c                                                                                         |
| Chemical Structure |            |



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