

## SPECIFICATION

### N-Bromosuccinimide

Parameters	Specification
CAS Number	0128-08-05
Appearance	White to off-white crystalline powder
Molecular Formula	C <sub>4</sub> H <sub>4</sub> BrNO <sub>2</sub>
Molecular Weight	177.99 g/mol
Boiling Point	300 °C
Melting Point	131 °C
Flash Point	250 °C
Purity	98–99%
Refractive Index	1.64
Solubility	Slightly soluble in water; soluble in acetone, chloroform, and dichloromethane
Uses	Brominating agent used in organic synthesis, especially for allylic and benzylic bromination; often employed with radical initiators

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