

## SPECIFICATION

### Carbon Disulfide

Parameters	Specification
CAS Number	75-15-0
Appearance	Colorless liquid
Molecular Formula	CS <sub>2</sub>
Molecular Weight	76.141 g/mol
Boiling Point	46.3 °C
Melting Point	-111.6 °C
Flash Point	-30 °C
Purity	98–99%
Refractive Index	1.623
Solubility	Slightly soluble in water; soluble in nonpolar organic solvents (benzene, chloroform, ether)
Uses	Solvent in chemical synthesis; precursor in viscose rayon production and rubber processing; intermediate in phosphorus sulfide and pesticide manufacture



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