

Typical Product Specifications & Properties

Isoprene

CAS Number: : 78-79-5

Specifications	Limits
Surface Tension	16.9 dynescm
Dimethyl Acetylene	< 1 ppm
Sulfur	15 ppm
Isoprene	> 99.0%
Inhibitor	c. 100 ppm
Peroxides	< 10 ppm
Dimer	0.01%
Cyclopentadiene	0.01%
Vapor Pressure	493 mm hg (20 c)
Melting Point	-146 to -120 c
Odor	mild, aromatic odor
Refractive Index	1.4216 (20 c)

Specifications	Limits
Molecular weight	68.11
Color	colorless to pale yellow clear volatile liquid
Flash Point	-53 c
Specific gravity	0.6810 (204 c)
Solubility	mg/ml in water
Boiling Point	34 c
Chemical Structure	