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Typical Product Specifications & Properties

Dimethyl Carbonate

CAS Number: : 616-38-6

Specifications	Limits
Density	1.0718 (20 c)
Sensoric	A colorless, transparent, viscous liquid.
NaOH	(as CO ₂) : 0.02%
Color, APHA; ASTM D 1209	< 10
Methyl Alcohol	< 0.15
Non-Volatile Matter	0.02%
Density (lbs/gal(US)@20°)	@ 20°C : 1.071 g/cm ³
Moisture(105°C, 2h)	0.10%
Assay %	99.5% (Gas Chromatographic tech.)
Water content(ppm)	< 0.15%
Insolubility	in water
Color	colorless clear liquid



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Specifications	Limits
Refractive Index	1.3687
Melting Point	0 c
Odor	pleasant odor
Molecular weight	90.09
Flash Point	18 c
Solubility	most org. solvs.
Boiling Point	90.6 c
Chemical Structure	



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