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Typical Product Specifications & Properties

Diethyl Ether

CAS Number: : 60-29-7

Specifications	Limits
Surface Tension	16.5 dynescm
Dielectric Constant	4.197
Auto/Self Ignition Temperature	temp. 160 c
Melting Point	-116.2 c
Acidity	Pass
Nonvolatile Residue	0.003% max
Peroxide Value	0.3ppm max
HydroCarbons	0.2% max (low-boiling)
Assay	96.0%~98.0%
Specific gravity	0.713~0.716
Odor	Pass (Foreign)
Vapor Pressure	537 mm hg





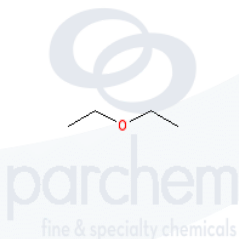
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Specifications	Limits
Molecular weight	74.12
Color	colorless clear volatile liquid
Flash Point	(cc) -45 c
Solubility	gl water (15 c)
Boiling Point	34.6 c
Chemical Structure	 The chemical structure shows two ethyl groups (CH ₂ CH ₃) connected by an oxygen atom (O). The Parchem logo and name are overlaid on the structure.



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415 Huguenot Street, New Rochelle, New York 10801

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