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## Typical Product Specifications & Properties

# tert-Butyl acetate

CAS Number: : 540-88-5

Specifications	Limits
Practically Insoluble	in water
Electrical Resistivity	23.8
Evaporation residue	No more than 0.002%
Freezing Point	-62 C
2,4,4-three Methyl 1 Pentene	Less than 0.2%
Water Content	No more than 0.05%
Color	colorless clear liquid
Boiling Point	98 C
Specific gravity	0.896 (20 c)
Tertiary Butyl Alcohol	Less than 0.2%
Relative Density (20 °C)	0.860 ~ 0.866 g/cm <sup>3</sup> (Water=1)
Maximum Increment Reactivity	0.20g Ozone (g TBAC)



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Specifications	Limits
Relative Vapor Pressure	4
Appearance	Liquid, Clear, Colorless
Chemical Structure	
Auto Ignition Temp	518 C
Flash Point	4.4 C (Tag Closed Cup)
Water solubility	0.8% (@20 C)
Surface Tension	22.4 (Dynes/cm @ 20 C)
Dielectric Constant	1.97 (DIC @ 20 C, Cyclohexane)
Evaporation Rate	2.8
Upper Flammable Limit	6.88 vol%
Lower Flammable Limit	1.26 vol%
Odor	Sweet fruit odor



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Specifications	Limits
Refractive Index	n <sub>20</sub> / D1.386 (lit)
Stability	Stable
Molecular weight	116.16

Specifications	Limits
Tert-Butyl Acetate content	At least 99.5%
Acidity (Acetic Acid)	No more than 0.05%
Viscosity (Centistokes)	Less than 1.2 (@ 20 C)
Critical Pressure	3.17 MPa
Saturated Vapor Pressure	6.3 MPa (25 C)
pH	6 ~ 7
Solubility	7.7
Odor Threshold	71 ppb



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