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## Typical Product Specifications & Properties

# 2,2-dimethylhexane

CAS Number: : 590-73-8

Specifications	Limits
Molecular weight	114.23
EINECS	209-689-4
SMILES	<chem>C(C(C)(C)C)CCC</chem>
InChI	FLTJDUOFAQWHDF-UHFFFAOYSA-N
InChIKey	1S/C8H18/c1-5-6-7-8(2,3)4/h5-7H2,1-4H3
Density	0.693 g/mL at 25 &deg;C
Boiling Point	107 &deg;C
Flash Point	26 &deg;F
Refractive Index	1.393
Melting Point	-121.1?
Vapor Pressure	1.22 psi ( 37.7 &deg;C)
Atmospheric OH Rate Constant	4.83E-12 cm <sup>3</sup> /molecule-sec



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Specifications	Limits
Water solubility	0.2 mg/L
Henry's Law Constant	36.8 atm-m <sup>3</sup> /mole
Boiling Point	106.8 °C
Vapor Pressure	34 mm Hg
Melting Point	-1.21E+02 °C
log P (octanol-water)	4.160



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