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## Typical Product Specifications & Properties

# decanal

CAS Number: : 112-31-2

Specifications	Limits
Density	0.830 (154 c)
Refractive Index	1.42700 to 1.43400 @ 20.00 °C
Melting Point	17.00 to 18.00 °C. @ 760.00 mm Hg
Boiling Point	124.00 to 125.00 °C. @ 50.00 mm Hg
Acid Value	10.00 max. KOH/g
Insolubility	in water, glycerin
Vapor Pressure	0.207000 mm/Hg @ 25.00 °C
Flash Point	186.00 °F.TCC
logP (o/w)	4.09
Shelf Life	12 month(s) or longer if stored properly
Storage	store under nitrogen in dry place in tightly sealed containers, protected from heat and light
Odor	Sweet, aldehydic, orange, waxy and citrus rind



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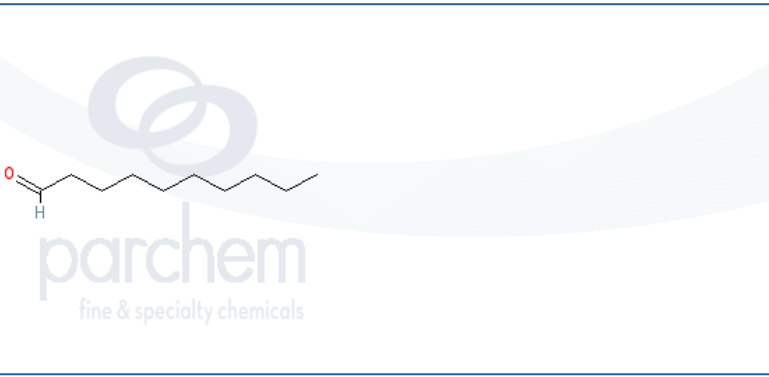
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Specifications	Limits
Color	colorless to light yellow liquid
Taste	Waxy, fatty, citrus and orange peel with a slight green melon nuance
Boiling Point	207.00 to 209.00 °C. @ 760.00 mm Hg
Odor Type	aldehydic
Assay	95.00 to 100.00 %
Pounds/Gallon	6.857 to 6.923
Appearance	colorless to pale yellow clear liquid
Molecular weight	156.30
Specific gravity	0.82400 to 0.83200 @ 25.00 °C
Vapor Density	>1
Chemical Structure	
Solubility	80 alcohol, fixed oils, volatile oils, min. oils



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