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Typical Product Specifications & Properties

dodecanal

CAS Number: : 112-54-9

Specifications	Limits
Density	0.830 (204 c)
Appearance	colorless to pale yellow clear liquid
Specific gravity	0.82600 to 0.83400 @ 25.00 °C
Refractive Index	1.43300 to 1.43700 @ 20.00 °C
Melting Point	3.00 to 8.00 °C. @ 760.00 mm Hg
Boiling Point	185.00 °C. @ 100.00 mm Hg
Flash Point	215.00 °F.TCC
logP (o/w)	5.16
Shelf Life	10.00 month(s) or longer if stored properly
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Storage	store under nitrogen
Odor	Soapy, waxy, aldehydic, citrus, orange rindy with floral nuances



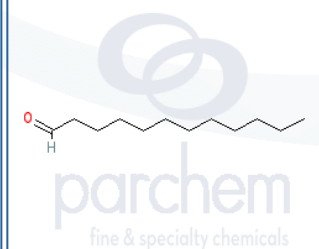
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Specifications	Limits
Taste	Soapy, waxy, citrus, orange mandarin
Acid Value	5.00 max. KOH/g
Pounds/Gallon	6.873 to 6.940
Odor Type	aldehydic
Assay	98.00 to 100.00 %
Boiling Point	99.00 to 100.00 °C. @ 3.50 mm Hg
Vapor Pressure	0.034400 mm/Hg @ 25.00 °C
Insolubility	in water, glycerin
Molecular weight	184.32
Color	colorless to yellow liquid or crystal solid
Solubility	90 alcohol, fixed oils, propylene glycol
Chemical Structure	



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