

Typical Product Specifications & Properties

nonanoic acid

CAS Number: : 112-05-0

Specifications	Limits
Density	0.907 (204 c)
Practically Insoluble in water	
Pounds/Gallon	7.497 to 7.539
Boiling Point	254.00 to 256.00 °C. @ 760.00 mm Hg
Vapor Density	5.4
Odor	Waxy, dirty and cheesy with a cultured dairy nuance
Appearance	colorless to pale yellow clear oily liquid
Specific gravity	0.90100 to 0.90600 @ 25.00 °C
Melting Point	12.00 to 14.00 °C. @ 760.00 mm Hg
Flash Point	212.00 °F.TCC
logP (o/w)	3.43
Assay	96.00 to 100.00 %

Specifications	Limits
Refractive Index	1.43100 to 1.43500 @ 20.00 °C
Vapor Pressure	0.008670 mm/Hg @ 25.00 °C
Odor Type	waxy
Taste	Fatty, waxy and cheesy with a mild sweet creamy background
Acid Number	351
Molecular weight	158.24
Color	colorless oily liquid
Solubility	alcohol, chloroform, ether, acetone, benzene, cyclohexane, n-hexane, oxygenated solvs.

Chemical
Structure

