

Typical Product Specifications & Properties

1-phenyl-1,2-propane dione

CAS Number: : 579-07-7

Specifications	Limits
Density	1.101
Very Soluble	in water
Odor	plastic buttery honey
Boiling Point	222.00 °C. @ 760.00 mm Hg
Appearance	yellow clear oily liquid
Assay	98.00 to 100.00 %
Pounds/Gallon	9.120 to 9.286
Melting Point	18.00 to 19.00 °C. @ 760.00 mm Hg
Vapor Pressure	0.075200 mm/Hg @ 25.00 °C
Flash Point	184.00 °F. TCC
Specific gravity	1.09600 to 1.11600 @ 25.00 °C
Refractive Index	1.52600 to 1.53600 @ 20.00 °C

Specifications	Limits
Boiling Point	103.00 to 105.00 °C. @ 14.00 mm Hg
logP (o/w)	0.82
Odor Type	plastic
Molecular weight	148.16

Chemical Structure

