

# MAA(METHACRYLIC ACID)



## Specification

Item	Unit	Specification
Purity	Wt.% min	99.5
Color	Apha max	20
Water	Wt. ppm max	500
Inhibitor(MEHQ)	Wt. ppm	200±10

## Properties

Item	Unit	Properties
Molecular Weight	kg/kgmol	86.09
Chemical Formular		$CH_2=C(CH_3)COOCH_3$
Specific Gravity	d20	1.015
Boiling Point	°C	160.5
Freezing Point	°C	15
Heat of Polymerization	kcal/kg	184
Solubility	Gr/100Gr.water	Totally miscible above 17degC
Flash Point(closed cup)	°C	68
Flash Point(open cup)	°C	77
Ignition Point	°C	385
Limits of Flammability	Vol%	1.6~8.7
Viscosity	Vol%	1.25 at 25 °C

Shelf life of MAA (METHACRYLIC ACID) is one year only on condition of storage according to MSDS