

MMA

Description

Colorless and transparent liquid
Excellent transparency and weather resistance
Raw material for a number of chemical products

Application

PMMA, Artificial marble, Transparent ABS, Casting sheet, MBS, Adhesive, Paint, Fiber paste, SB-Latex

Specification

Item	Unit	Value
Purity	wt%	99.8 (Min.)
Color (APHA)	-	5 (Max.)
Water	ppm	500 (Max.)
Acid (as MAA)	ppm	50 (Max.)
Inhibitor (Topanol-A)	ppm	5 ± 1

- ❖ Topanol-A : 2,4-Dimethyl-6-tert-butylphenol
- ❖ The polymerization inhibitor may vary in concentration, according to the customer's request.

Property

Item	Unit	Value
Molecular weight	g/mol	100.12
Chemical formula	-	CH ₂ =C(CH ₃)COOCH ₃
Specific gravity	g/cm ³	0.943
Boiling point	°C	100.3
Freezing point	°C	-48.2
Heat of polymerization	kcal/kg	137.3
Solubility (Water)	g/L	15
Flash point (Closed cup)	°C	10
Ignition point	°C	421
Limits of flammability	vol %	2.12 ~ 12.5

❖ REMARKS : The listed values should be used for reference purpose only.