

Methyl Methacrylate

Clear, colorless liquid

Product Description

Monomer used in production of acrylic plastics, paints, and coatings.

Certificate of Analysis

HSN Code: 2914.11

CAS Number: 80-62-6

Classification: Hazardous

Parameter	Specification	Test Method
Purity (MMA)	"e 99.5 %	Gas Chromatography (GC)
Stabilizer (Hydroquinone)	10 - 25 ppm	HPLC / UV Spectroscopy
Water Content	"d 0.1 %	Karl Fischer Titration
Acid Value (as methacrylic acid)	"d 15 mg KOH / g	Titration
Color	"d 1.0 A P H A	Visual / Photometric
Refractive Index (20 °C)	1.411 - 1.415	Refractometer
Boiling Point	100 - 101 °C	Distillation / literature
Flash Point	10 °C (closed cup)	Standard test
Density (20 °C)	Approx. 0.94 g/cm ³	Density meter

Physical Properties

Appearance: Clear, colorless liquid

Solubility: Slightly soluble in water; miscible with most organic solvents

Packing: 25 L / 30 L HDPE or metal drums (lined), 200 L steel drums (lined), IBCs / ISO tanks

Storage: Store in a cool, dry, well-ventilated area away from ignition sources and heat. Keep containers tightly closed and

Safety & Handling

PPE: Gloves, goggles, protective clothing, vapor respirator

Hazards:

- Highly flammable
- Eye irritation
- Respiratory irritation
- Skin sensitization