

# METHYL METHACRYLATE (MMA)

## Monomer

### Description

Petro Rabigh produces 85 KTA of Methyl Methacrylate (MMA), through a developed process technology by Sumitomo and most of it convert to PMMA.

### Applications

- Methyl Methacrylate is used in the production of Poly Methacrylate for the manufacture of transparent resins, cast sheets, paints, varnishes, coatings and additives

Properties	Unit	Test Method	Value
Purity	wt %	Internal method	99.8 Min
Color (APHA)	-	ASTM D1209	5 Max
Water Content	wt ppm	ASTM E203	500 Max
Acid (as MAA)	wt ppm	Internal method	50 Max
Specific gravity (20/4)	-	ASTM D4052	0.942 - 0.946
Initial boiling Point	°C	ASTM D1078	96.0°C Min
Distillation Amount	vol%	ASTM D1078	95.0 Min

Note: All the above are indicated values.

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Kingdom of Saudi Arabia  
Petro Rabigh  
Marketing & Product Development  
Quality Assurance & Claim Handling Section  
Tel: +966 12 425 7189  
Fax: +966 12 425 8224  
www.petrorabigh.com