

## SALES SPECIFICATIONS

**APC Product** : MMA

**APC Spec. No.** : 08-001-0

**Effective Date** : 1 April 2018

### Description

MMA is a chemical compound mostly known as the monomer for the production of the transparent plastic polymethyl methacrylate (PMMA)

### Specification

<b>Properties</b>	<b>Unit</b>	<b>Test Method</b>	<b>Value</b>
Purity	% m/m	GC	99.8 min.
Colour (Pt-Cobalt)		ASTM D1209	5 max.
Density @ 20 °C	g/ml	ASTM D4052	0.942 - 0.946
Water Content	% m/m	ASTM D1364	0.05 max.

### Typical Properties

<b>Properties</b>	<b>Unit</b>	<b>Test Method</b>	<b>Value</b>
Polymerization Inhibitor	ppm		15 max.
Acidity as acetic acid	% m/m	ASTM D1613	0.005 max

### Application

MMA is a petrochemical used as a raw material in various products, including acrylic sheet used in advertising board and plate glass decorative work, and in the construction industry. It is also a vital component of spectacles lenses, automobile lights, LCD screen, household electrical appliance components, synthetic stonework, and paint and coating additives.