

Technical Data Sheet

## Propylene glycol monomethyl ether acetate (PMA)

CAS NO. 108-65-6

Synonyms: 1-Methoxy-2-propyl acetate, 1,2-Propanediol monomethyl ether acetate

### 【Typical Properties】

PMA is a senior solvent. In the molecule it has linkage and carbonyl, carbonyl forms the structure of the ester, also containing alkyl group. In the same molecule there are nonpolar part and polar part. The two parts can be inhibited and have the effect of its inherent. Therefore it has certain ability to dissolve the nonpolar substance and the polar substance.

### 【Technical Data】

Appearance:	Transparent Clear Liquid
Color:	$\leq 10$ (Pt - Co)
Purity:	$\geq 99.5\%$
Acidity:	$\leq 0.02\%$
Water:	$\leq 0.05\%$
Boiling range:	143 - 149 °C
Density:	0.965 – 0.975 g/cm <sup>3</sup> @20°C
Isomer:	$\leq 0.4\%$

### 【Application】

Mainly used in printing ink, paint, ink, textile dyes. It is the best solvent in coatings, printing ink, suitable for unsaturated polyester, epoxy resin, polyurethane resin, acrylic resin, etc.

### 【Shelf Life】

Protected from light and temperature (storage temperature below 35 °C) and kept in tightly sealed containers, the shelf life is 12 months.

### 【Package】

200 Kg/drum, ISO-TANK