

# TMG-AIBME

## Product description

Manufacturers utilize TMG's AIBME as a polymerization initiator for producing polyols and polyester polyols. It is a non-nitrile azo-initiator that dissolves in a wide range of organic solvents which has similar level of polymerization activity as AIBN. The best alternative initiator for nitrile based AIBN.

## Chemical Characteristics

Chemical Name	Dimethyl 2,2'-azobis (2methylpropionate)
CAS	2589-57-3
Appearance	White crystals (slightly yellowish)
Solubility	Soluble in methanol, toluene. Insoluble in water
Assay	≥ 98.0 %
Melting point	22-28 °C
Moisture content	≤ 0.5 %

## Applications

- Used as Polymer free radical initiator
- Used in Polymer polyol POP to replace AIBN
- Highly recommended for transparent polymer production, This transparency makes them suitable for use in semiconductors and LCD applications.
- It is also known for its photoresist application, particularly in the semiconductor manufacturing industry.

## Storage

TMG-AIBME can decompose at ordinary room temperature. So, it is recommended to keep it in a cool, dry place, away from direct sunlight and heat sources. It should be stored below 15 °C.

## Packaging

20 kg carton boxes

## Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
- protective measures for storage and handling
- safety measures in case of accident and fire
- toxicity and ecological effects

are given in our material safety data sheets.