



4F.-2,No. 146, Wunsing Rd., Gueishan Township , Taoyuan County 333, Taiwan R.O.C. TEL : 886-3-327-1656 FAX : 886-3-327-0223

Aceox® TMPTMA

PRODUCT DATA SHEET

Trimethylolpropane Trimethacrylate

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Description

ACEOX TMPTMA, trimethylolpropane trimethacrylate, is a low volatility trifunctional monomer offering fast cure response in free radical polymerization.

Chemical structure

$$\begin{array}{c} O & CH_{3} \\ O & C & C = CH_{2} \\ CH_{2} & CH_{2} & CH_{2} - CH_{2} - CH_{3} \\ CH_{3} & CH_{2} & CH_{2} - CH_{2} - CH_{3} \\ CH_{3} & CH_{2} & CH_{2} - CH_{2} - CH_{2} \\ CH_{3} & CH_{2} & CH_{2} - CH_{2} - CH_{2} \\ CH_{3} & CH_{3} & CH_{2} & CH_{3} \\ CH_{3} & CH_{3} & CH_{3} & CH_{3} \\ \end{array}$$

CAS No. / 3290-92-4

MW / 338

Specifications

Typical Property	Unit	Standard
Appearance	/	Clean liquid
Inhibitor	ppm	65
Solvent	wt.%	0.1
Water	wt.%	0.2
Specific Gravity (25°C)		1.061
Acid	wt.%	0.03
Melting range	°C	27.0

Applications

- Acrylics & plastics
- Adhesives, Elastomers
- Glass, metal, wood, PVC floor coatings
- Concrete polymers and sealants
- Dental polymers, Inks, Paints
- Plastisols, Alkyd coatings

Packaging and storage

200kg pail, Stored at room temperature.