Tripropylene glycol diacrylate (TPGDA)

Tripropylene glycol diacrylate (TPGDA) · RS-TPGDA · CAS 42978-66-5 · Technical Data Sheet · RawSource · rawsource.com/product/tripropylene-glycol-diacrylate-tpgda/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
42978-66-5	RS-TPGDA	Difunctional acrylate monomer · reactive diluent

Tripropylene glycol diacrylate (TPGDA) is a difunctional acrylate monomer used as a reactive diluent. It is supplied as a clear liquid. It is used in encapsulants, photoresists, solder masks, inks, paints and photopolymers.

DISTRIBUTED BY
RawSource Inc.
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Product page: rawsource.com/product/tripropylene-glycol-diacrylate-tpgda/
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GENERAL INFORMATION

Chemical name	Tripropylene glycol diacrylate
Molecular formula	$C_{15}H_{24}O_6$
Molecular weight	300.35

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Clear Liquid	Conform
Color	50 Hazen max	15
Ester Content	96 % min	97.9 %
Acid Value	0.5 mg KOH/g	0.07 mg KOH/g
Moisture	0.20 % max	0.02 %
Viscosity	10 – 20 mPa·s	14.43 mPa·s
Toluene	25 ppm max	Conform

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Low viscosity
- High activity
- Low volatility
- Good flexibility

APPLICATIONS

- Encapsulants
- Photoresists
- Solder masks
- Inks
- Paints
- Photopolymers

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- Keep the material in its original packaging.
- Store in a cool, dry, dark and well-ventilated place.
- Keep away from rain and wet places.
- Keep away from flames and heat sources.

PACKAGING AND SHELF LIFE

- Drums
- 1,000 kg IBC
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.