

Monomer DPGDA

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CAS No. 57472-68-1

Chemical Group

Dipropylene Glycol Diacrylate
(DPGDA)

Product Description

Dipropylene Glycol Diacrylate (DPGDA) is a general purpose difunctional reactive diluent used in ultraviolet light (UV) ultraviolet light (UV) and electron beam (EB) curable inks and coatings. DPGDA is particularly useful in coatings and inks where improved flexibility, adhesion, and good moisture resistance is required.

Chemical Name

2-Propenoic acid, oxybis(methyl-2,1-ethanediyl) ester

Advantages

- Low viscosity
- Good diluency
- Light color
- Improved flexibility
- Good cure response
- Improved adhesion on plastics, wood, and some metals

Applications

UV or EB cured inks, coatings, varnishes, and adhesives

Specialized Applications

- Wood coatings
- Coatings and inks for flexible and rigid plastics

Physical Data

Density	1.06 g/ml @ 25°C
Form of supply	Clear
Moisture (%)	≤ 0.1
Colour, Pt-Co scale	60 max.
Viscosity	5-15mPa·s/cP at 25°C
Acid value	0.4 mgKOH/g max.

Packaging, Shipping & Storage

Monomer DPGDA is supplied as clear. The product is packed in 200 kg metal drum or 20 t isotank and shipped on pallets of 800 kg. Store indoors in the original, unopened and undamaged containers in a dry place below 38°C. Avoid exposure to direct sunlight. Shelf life: 1 year from manufacturing date.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.