



## DESCRIPTION

Name: 2-Propenoic acid, 2-methyl-, 1,1'-[2-[[[(phenylamino)carbonyl]oxy]-1,3-propanediyl] ester  
 Synonym: PGDMA

## HIGHLIGHTS

PGDMA is a methacrylate modified urethane monomer that has low color and low cure shrinkage. PGDMA monomer has a high refractive index and a lower room temperature viscosity making it convenient to blend with common diluent monomers while having good transparency with the usual dental radiopaque fillers. Unlike BisGMA or EBDMA, it is not based upon a Bisphenol A backbone and therefore does not exhibit estrogenic behavior and does not have the potential to act as an endocrine disruptor.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	RESULT
Appearance at Room Temperature	Clear liquid
Molecular Formula	C <sub>18</sub> H <sub>21</sub> NO <sub>6</sub>
Molecular Weight	347.4 daltons
Viscosity @ 25°C	9,500 cP
Refractive Index @ 20°C	1.524
CAS Registration Number	1371570-15-8
Recommended Storage Temp	5°C or below

*Data is for reference only and may vary depending on testing method used. The structure shown above is an idealized representation of a statistical distribution.*

## RECOMMENDED FORMULATION USE:

U-347 is recommended for use as a base resin in dental applications.

## CONTACT:

### REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

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