

**DESCRIPTION**

Name: 2-Propenoic acid, 2-methyl-,1,1'[(3-heptyl-4-pentyl-1,2-cyclohexanediyl)bis(9,1-nonanediyliminocarbonyloxy-2,1-ethanediyl)]ester

Synonym: Dimer Diisocyanate Urethane Dimethacrylate, UDMA-DDI

HIGHLIGHTS

H1238 is a methacrylate modified urethane monomer that has low color and low cure shrinkage. **H1238** is often used in light cure dental applications. 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	White powder / crystals
Molecular Formula	$C_{15}H_{12}O_7$
Molecular Weight	304.25 daltons
Melting Point	> 90°C
CAS Registration Number	70293-55-9
Toxic Substance Control Act (TSCA) List	Not listed
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:

H1238 is recommended for use as a base resin in dental applications.

CONTACT:**REQUEST A SAMPLE OR PLACE AN ORDER**

Customer Support

☎ 858-348-1122

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REF: DMHPI Part Number: H1238