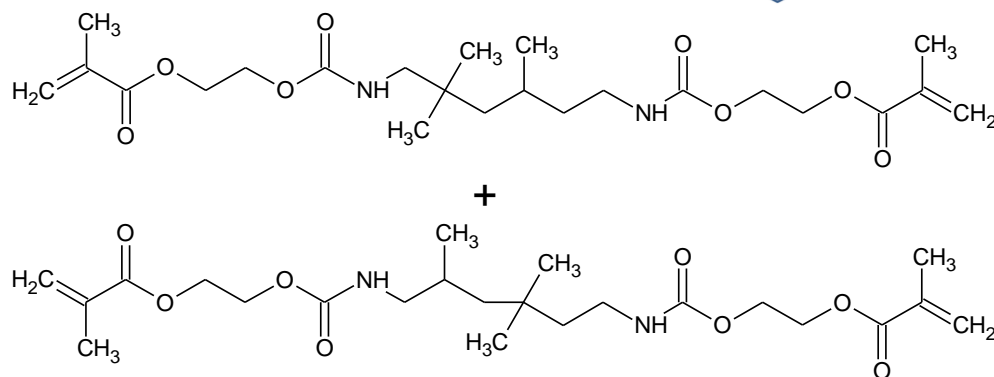


TECH DATA SHEET

H1228



DESCRIPTION

Name: TMDI Urethane Dimethacrylate

Synonym: UDMA

HIGHLIGHTS

H1228 is a methacrylate modified urethane monomer that has low color and low cure shrinkage. **H1228** 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	Slightly yellow liquid
Molecular Formula	C ₂₃ H ₃₈ N ₂ O ₈
Molecular Weight	470.6 daltons
Viscosity @ 25°C	8,000 cP
Refractive Index @ 20°C	1.484
CAS Registration Number	72869-86-4
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:

H1228 is recommended for use as a base resin in dental applications.

CONTACT:

REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

☎ 858-348-1122

✉ info@dmhpi.com

REF: DMHPI Part Number: H1228