

# EXP-0402: Experimental Urethane Dimethacrylate

## Description

EXP-0402 is an R&D difunctional methacrylate oligomer. This urethane was developed with a bio-based backbone. The desirable combination of strength and elongation allow EXP-0402 to be used in a wide range of UV, LED, visible light, and EB cure applications.

## Performance Highlights

- ✓ Good toughness
- ✓ High elongation

## Typical Energy Curable Applications

- ✓ Cosmetic
- ✓ 3D Printing
- ✓ Industrial

### Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	500
Color (APHA)	<50
Viscosity, 40C (cps)	81,000
Tensile Strength (N/mm <sup>2</sup> )	25
Elongation (%)	50
Elastic Modulus (N/mm <sup>2</sup> )	500

All information contained in this data sheet is given in good faith and without liability. It is intended to serve only as guidance. Users are advised to conduct their own evaluation of the product to determine its proficiency into products and processes. Users should ensure that the use of the product complies with all applicable current legislation.