

# X-991-0000: Urethane Diacrylate

## Description

X-991-0000, also called Exothane 108, is a difunctional acrylate oligomer. X-991-0000 exhibits high elongation when cured and is low color. This material is suitable for a wide range of UV, LED, visible light, and EB cure applications requiring softness and flexibility.

## Performance Highlights

- ✓ Non-yellowing
- ✓ Good flexibility
- ✓ Excellent elongation

## Typical Energy Curable Applications

- ✓ 3D Printing
- ✓ Industrial

### Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	550
Color (APHA)	<25
Viscosity, 40C (cps)	39000
Tensile Strength (N/mm <sup>2</sup> )	10
Elongation (%)	80
Elastic Modulus (N/mm <sup>2</sup> )	40
Tg (°C)	40
Hardness (Shore A)	55
Volumetric Shrinkage (%)	3

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.

***ESSTECH, Inc.***

48 W Powhattan Avenue, Essington, PA 19029  
P: 610-521-3800

www.esstechinc.com  
sales@esstechinc.com