

# X-851-1066: Urethane Dimethacrylate

## Description

X-851-1066 is a difunctional methacrylate oligomer. Upon curing, this hard, glassy product exhibits excellent strength and a high elastic modulus.

## Performance Highlights

- ✓ High tensile strength
- ✓ Low color
- ✓ Excellent hardness
- ✓ High Tg

## Typical Energy Curable Applications

- ✓ 3D Printing
- ✓ Coatings and Industrial

### Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	500
Color (APHA)	<30
Viscosity, 40C (cps)	14000
Tensile Strength (N/mm <sup>2</sup> )	40
Elongation (%)	5
Elastic Modulus (N/mm <sup>2</sup> )	1480
Tg(°C)	190
Hardness (Shore D)	90
Volumetric Shrinkage (%)	5

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.

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