

X-930-0000: Urethane Dimethacrylate

Description

X-930-0000, also called Exothane 10, is a difunctional methacrylate oligomer that achieves a balance of high strength and high elongation. This tough material also exhibits low shrinkage and low color, making it ideal for many demanding UV, LED, visible light, and EB cure applications.

Performance Highlights

- ✓ Low color and non-yellowing
- ✓ Good toughness
- ✓ High elastic modulus

Typical Energy Curable Applications

- ✓ Dental, Medical, and Cosmetic
- ✓ 3D Printing
- ✓ Industrial

Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	4500
Color (APHA)	<50
Viscosity, 40C (cps)	87000
Tensile Strength (N/mm ²)	30
Elongation (%)	35
Elastic Modulus (N/mm ²)	800
Tg (°C)	65
Hardness (Shore D)	85
Volumetric Shrinkage (%)	4

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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