

X-891-0000: Urethane Dimethacrylate

Description

X-891-0000, also called Exothane 8, is a difunctional methacrylate oligomer. A viscous liquid at room temperature, this material has excellent elongation and low shrinkage upon curing. A good balance of tensile strength provides toughness and makes X-891-0000 a very versatile material, suitable for a wide range of UV, LED, visible light, and EB cure applications.

Performance Highlights

- ✓ Non-yellowing
- ✓ Good toughness
- ✓ High Elongation

Typical Energy Curable Applications

- ✓ 3D Printing
- ✓ Coatings and Industrial
- ✓ Cosmetic

Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	650
Color (APHA)	<20
Viscosity, 40C (cps)	35000
Tensile Strength (N/mm ²)	15
Elongation (%)	70
Elastic Modulus (N/mm ²)	200
Tg (°C)	60
Hardness (Shore D)	70
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.

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