

X-850-1066: Urethane Dimethacrylate

Description

X-850-1066 is a low viscosity difunctional methacrylate oligomer that cures to form a hard, glassy material that is very low in color. This versatile product can be used in a wide range of UV, LED, visible light, and EB cure applications. X-850-1066 features low HQ and MEHQ.

Performance Highlights

- ✓ Low color and non-yellowing
- ✓ Good hardness
- ✓ High tensile strength
- ✓ Low viscosity

Typical Energy Curable Applications

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

Typical Properties

Functionality	2
Inhibitor, BHT (ppm)	125
Color (APHA)	<20
Viscosity, 25C (cps)	9000
Tensile Strength (N/mm ²)	50
Elongation (%)	10
Elastic Modulus (N/mm ²)	1220
Tg (°C)	140
Hardness (Shore D)	90
Volumetric Shrinkage (%)	7

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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