

X-893-0000: Urethane Polymethacrylate

Description

X-893-0000, also called Exothane 24, is a tetra-functional methacrylate oligomer. The high functionality results in a high degree of crosslinking upon cure. X-893-0000 is low viscosity and can be added to formulations to increase strength and hardness.

Performance Highlights

- ✓ Fast cure speed
- ✓ High degree of crosslinking
- ✓ Excellent hardness

Typical Energy Curable Applications

- ✓ 3D Printing
- ✓ Industrial

Typical Properties

Functionality	4
Inhibitor, BHT (ppm)	600
Color (APHA)	<30
Viscosity, 40C (cps)	6000
Tensile Strength (N/mm ²)	20
Elongation (%)	5
Elastic Modulus (N/mm ²)	980
Tg(°C)	70
Hardness (Shore D)	90
Volumetric Shrinkage (%)	15

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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