



HELLO, SUN. GOODBYE, UV LAMPS.

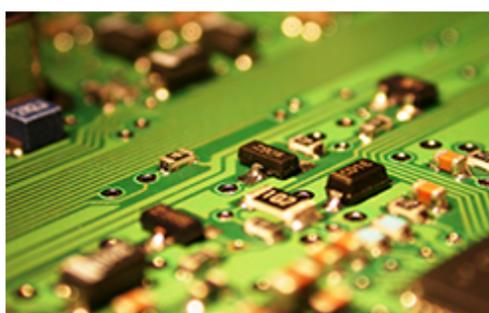
LumiSet™ Film Formers



Many nail coatings require an artificial light source (UV or LED) to cure the coating onto the natural or pre-extended nail. These light sources are effective in curing the coating, however, can be harsh on skin.

LumiSet™ film-forming resins are used to formulate nail coatings that cure using natural light and provide all the necessary properties of a typical nail coating such as excellent adhesion, easy removal, inherent toughness, and fast, tack-free dry times.

[Learn More](#)



Improve the Moisture & Impact Resistance of Electronic Formulations

Many electronic adhesives and coatings provide moisture and impact resistance to consumer electronics, forming a durable moisture barrier. Our selection of [polybutadiene urethane acrylates \(PBDUA\)](#) are designed to meet the rigorous needs of these electronic formulations, with both saturated and unsaturated backbones available. They provide important properties such as hydrophobicity, adhesion, and impact resistance to these products. Compare our four available oligomers today.

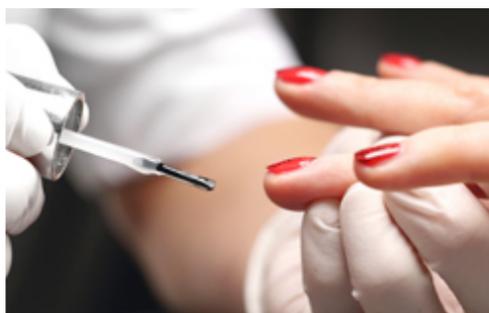
[Compare Oligomers](#)



New Study: Ash Content and 3D Printing

Determining ash content is useful in many applications, specifically in 3D-printed jewelry and ceramic 3D printing. Thermogravimetric analysis (TGA) is used to measure the weight of inorganic substance in an organic material as it is heated/cooled in a controlled environment. Our technical experts recently completed a study using the TGA method to collect ash content data on oligomers used in 3D printing. The study data provides information about impurities, or leftover organic material, in a product after it has been completely burned.

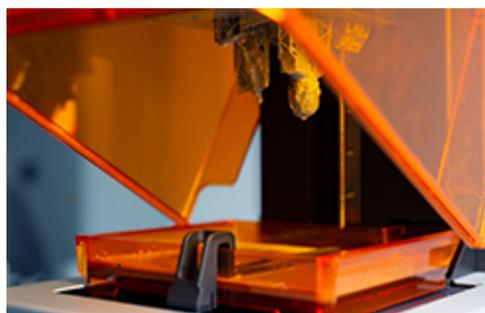
[View Study Results](#)



BR-1043MB Flexible Bio-Based Oligomer

BR-1043MB is a polyether urethane methacrylate with the majority of its contents being bio-based. The bio-based backbone of this oligomer provides low irritancy characteristics making it an optimal candidate for consumer applications. The low temperature flexibility, elasticity, and high rebound of BR-1043MB provide excellent properties to nail coatings, flexible 3D printing resins, and impact-resistant coatings.

[Learn More](#)



Oligomers for Formulating Rigid, Tough, or Flexible 3D Printing Resins

Our latest technology bulletin discusses the three general types of 3D-printing resins - rigid, tough, and flexible - and gives starting point formulas for each type. A selection of Bomar® oligomers was chosen and tested to determine their suitability for these three types of 3D-printing resins. Download the technology bulletin to see the complete test results.

[Read Tech Bulletin](#)

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