

## ALUMINUM FILLED EPOXY CASTING RESIN

Part # - 3600/3610



Aluminum Filled Epoxy Casting Resin is a versatile, room-temperature system designed for applications where high-impact resistance is paramount. This casting resin is easy to mix and pour and exhibits a beautiful aluminum appearance. It can be surface cast to metal or other low-cost cores, or it can be mass cast. Aluminum Filled Epoxy Casting Resin captures complex tool detail and can be machined.

Typical applications for Aluminum Filled Epoxy Casting Resin include: casting surfaces, stretch form tools, thermoforming tools, vacuum forming tools, prototype stamping dies, and high detail tools.

### DIRECTIONS:

Since settling of contents is likely to occur, mechanically mix the resin slowly such as with a jiffy mixer on low speed. Mixing too fast may cause air bubbles. Thoroughly mix 100 parts resin (Part A) to 10 parts hardener (Part B) by weight.

### Technical Data

Product Properties	Product Standard
Mix Ratio	100:10
Pot Life @ 77°F	90-100 minutes
Peak Operating Temperature	210°F
Mixed Specific Gravity	1.63-1.67
Cured Color	Aluminum
Hardness	83-85 Shore D
Density	102 lbs/cubic foot
Notched Izod Impact Strength	85 ft lbs/inch
Tensile Strength	>7,000 psi