

Technical Data Sheet

Unimount Epoxy Kit

Catalog #1234

Unimount Mixing Instructions

- Weigh out the correct amount of hardener in a mixing cup.
- Weigh out the corresponding amount of resin into the same mixing cup.
- Stir thoroughly for not less than 5 minutes until the mixture is homogeneous, without introducing air bubbles.
- Place the specimen in the middle of the mounting cup and carefully pour in the mixed epoxy.
- Ensure that no air remains trapped within gaps or cavities in the specimen by moving the specimen or by tapping the mounting cup on the table.

Unimount cures at 75°C/167°F, the curing time is 1½ hours at 75°C/167°F. To obtain these temperatures, either a laboratory oven/heating cabinet or Drybox can be used. When using a oven/cabinet we recommend using one with good ventilation to ensure that the heat created by the exothermic reaction during curing is removed.

Mixing Ratio:	By Weight: Resin/Hardener: 25/7 By Volume: Resin/Hardener: 31/10
Potlife: (30g mixture at 21°C/70°F):	4 Hours
Hardening Time (30g mixture at 21°C/70°F):	1½ hours in oven at 75°C/167°F
Peak Temperature(30mm dia embedding w/o specimen at 75°C/167°)	170°C/338°F
Hardness	85 Shore D
Color	Clear, Transparent
Density (g/ml)	Resin: 1.13 / Hardener: 0.96
Soluble in	Resin & Hardener: Alcohol, acetone
Chemical resistance after curing	Most common acids & bases