

613LT RESIN

NEW

Low viscosity embedding resin,
hardening without temperature increase.

Embedding is a step in metallographic sample preparation which enables pre-polishing and polishing of pieces in a more ergonomic way. In some cases, impregnation may be necessary to preserve the integrity of the sample.

Description

Resin 613LT is a hard bi-component epoxy resin used for high quality embedding at room temperature.

Resin 613LT does not shrink, adheres perfectly to all types of material and has very good chemical resistance.

With an ideally suited viscosity, resin 613LT is used to embed metallographic samples which have complex shapes, are porous or for delicate coating techniques.

Resin 613LT is the best choice when samples are sensitive to temperature increase and when the absence of shrinkage is imperative.

Features

Polymerization at low temperatures.

Fully transparent and colourless.

Can be used in impregnation with the M.M.818 vacuum embedding machine.

Bubble removal and shrinkage can also be improved using the M.M.808 pressure embedding machine.

Does not contain CMR*.

Easy to use, 2 components.



Mounted samples after polishing

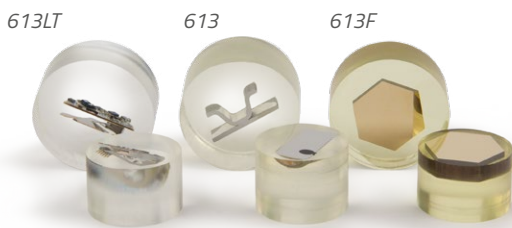


Technical data 613LT RESIN

Material	Epoxy
Pack format	Kit containing 1000 ml liquid resin + Hardener 500 ml - Code KITO600613LT00 Liquid resin 1000 ml - Code 06 02613LT00 Hardener 500 ml - Code 06 01613LT00
Dosage	2 parts resin to 1 part hardener
Appearance	Fully transparent and colourless
Polymerization time	24 h at 20°C
Hardness	85 Shore D
Exothermic temperature	27°C**
Volumetric shrinkage	None
Presence of CMR*	None
Suitable for impregnation	Yes

* CMR: Carcinogenic, Mutagenic, Reprotoxic.

** Exothermic temperature during polymerization for a 40g resin sample at 20°C.



Also available standard version 613 and in fast-hardening version 613F.



Safety data sheets

