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TECHNICAL DATA SHEET 472C

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Poly/Bed 812 - Araldite 502

Formulated According to Mollenhauer

Kit Contains:

- Poly/Bed 812 30ml (in 120ml jar)
- Araldite 502 15ml
- DDSA (Dodecynyl Succinic Anhydride) 55ml
- DMP-30 5ml
2,4,6-Tri(dimethylaminomethyl)phenol

Additional Supplies included in this kit:

- 3 x 10ml syringes
- 1 x 5ml syringe
- 2 wooden mixers

How to Prepare the Embedding Media:

Open the large 120ml jar which contains the 30ml of Poly/Bed 812 and add the entire contents of ingredients 2, Araldite 502 15ml and ingredient 3, DDSA 55ml (drain completely). Using the 5ml syringe, withdraw 2ml of ingredient 4, DMP-30 and add to the mixture pushing the plunger rapidly to insure that all the contents are released into the mix.

Mix thoroughly, using the wooden mixer provided; avoid producing bubbles. Draw the mixture into the 10ml syringes. Use the syringes to dispense the mixture for infiltration and embedding in molds or capsules.

The unused mixture can be stored in anaerobic conditions (i.e. in syringes) at 4°C for 2 weeks or at -20°C for 2 months.

After completion of specimen dehydration, we recommend 3 steps of infiltration of 1:1, 1:2 and 0:1 (propylene oxide: embedding mixture) for 30 minutes each before transferring the tissue to embedding molds or capsules.

Polymerization is done in 60°C oven for 24 hours. Allow to return to room temperature before cutting in the ultramicrotome.

Ordering Information:

Cat. #	Description	Size
21960	Poly/Bed 812 - Araldite 502	1 kit

To Order:

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