

Technical Tip

DMP-30 and DMAE VS BDMA:

DMP-30 AND DMAE VS BDMA As has been stated in our first issue of NEWS AND VIEWS Issue 1 pg. 3, BDMA proves to be a much better choice for an accelerator than DMP-30. It is much less viscous, has a longer shelf life, and offers better penetration of the tissue. When using BDMA in place of DMP-30 more uniform embedding is obtained. Now it has been shown that the same holds true for BDMA vs. DMAE. It is highly recommended that when choosing an embedding medium and its corresponding accelerator you consider using BDMA in place of DMP-30 and DMAE. Here at ELECTRON MICROSCOPY SCIENCES we have now made available all of our epoxy resin (Araldite and Embed) kits that come with DMP-30 or DMAE., as standard, BDMA as an alternative to them.

PLEASE NOTE THAT IN ORDER TO ACHIEVE OPTIMUM RESULTS WHEN USING BDMA IN PLACE OF DMP-30 THE FOLLOWING PROPORTIONS SHOULD BE USED: DMP-30: 1.5-2% ADDED TO THE FINAL VOLUME; BDMA: 2.5-3% ADDED TO THE FINAL VOLUME.