
Also, I have had problems on occasion with infiltration when I have hard pelleted my material. Softer pellets seem to infiltrate better -- more spaces in the material to fill with resin?

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Storage of Mounted Paraffin Wax Sections

Paraffin wax sections, mounted on slides, dehydrate even if stored at refrigerator temperature, resulting in decreased stainability and often decreased reactivity in histochemical and immunohistochemical reactions. The tissue may also be attacked by fungi and insects during storage. A simple method for preventing this deterioration is to coat sections with a layer of paraffin wax.

Slides are heated to approximately 60°C, a few drops of molten paraffin wax applied and a second, heated slide, gently drawn across the surface to form a thin layer of wax over the section. Once cooled, slides may be stored in slide boxes either at room or refrigerator temperature. It is important when preparing the sections for staining that as much excess paraffin as possible be removed by gently melting the wax before the usual "dewaxing" in xylene or xylene substitutes.

Sections protected in this manner may be stored for several years without detectable changes in staining patterns.

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