

## **Tech specs: 817 Brass**

<b>Alloy Name:</b>	817 Yellow brass
<b>General Description:</b>	Fluid, brass alloy for casting. Harder and more resistant to tarnish than regular art casting brass.
<b>Color:</b>	Yellow - slight green hue
<b>Casting:</b>	Melting can be done in any atmosphere. Do not use flux
<b>Casting Temp:</b>	The casting temperature for heavy pieces should be 1010°C and up to 1040°C for lighter pieces.
<b>Flask Temp:</b>	Depending on parts but a starting point would be 640°C for 3 dwt rings with detail, 590°C for heavy gents rings.
<b>Quench Time:</b>	10-15 minutes after casting. Do not quench too soon, the pieces will crack.
<b>Pickling:</b>	ABI Investment Remover or equivalent should be used. Heating is not necessary and proper safety gloves and goggles should be worn.
<b>Reusability:</b>	A 70% fresh 30% recycle ratio is recommended. Regraining is not necessary.
<b>technical questions:</b>	Please feel free to call at any time if you have questions or comments.