

ABI Precious Metals

Tech Specs: # 16 white alloy

Alloy Name:	# 16 WHITE
Description:	Standard 10k & 14k alloy for casting with excellent reusability.
Color:	White
Karating:	Pre karating is the preferred production procedure. Mix the alloy and gold together prior to melting. In an open melt Use a boric acid cover. Once melt reaches 2020°F (1100°C) pour shot.
Casting:	Melting can be done in any atmosphere with a boric acid flux. The casting temperature should be about 1900°F (1039°C). Add 30° for 10kt.
Flask Temp:	Depending on parts but a starting point would be 1230°F for 1dwt rings with detail, and 950°F for heavy gent's rings.
Water Quench:	20 to 25 minutes after casting.
Pickling:	Investment remover or equivalent should be used. Heating is not necessary and proper safety gloves and goggles should be worn.
Reusability:	A 30% fresh 70% recycle ratio is recommended. Regraining is not necessary.
Technical Questions:	Please feel free to call at any time if you have questions or comments.