

ABI Precious Metals

TECH SPECS: # 59

ALLOY NAME	59
GENERAL DISCRIPTION:	White Bronze
COLOR:	White
LIQUIDUS:	2030°F / 1110°C
CASTING:	For best results melting should be done in an inert atmosphere (Argon, Helium or Nitrogen). The casting temperature should be about 1150°C (2100°F).
FLASK TEMP:	Depending on parts but a starting point would be 1300°F for 3 dwt rings with detail, 1000°F for heavy rings.
QUENCH TIME:	10 to 15 minutes minimum.
PICKLING:	Investment remover can be used. Proper safety gloves and goggles should be worn.
REUSABILITY:	A 60% fresh to 40% recycle is recommended. Re-graining is not necessary.
TECHNICAL HELP:	Please feel free to call at any time if you have questions or comments.