

New #127 Sterilite

Hard De-Ox Sterling

Sterling Silver continues to be the most popular alternative metal for Gold jewelry manufacturers seeking to achieve lower price points for their jewelry designs. The softness of regular Sterling (75V) and de-ox Sterling (65-70V) creates strength and durability issues in using this alternative metal.

ABI has developed a new patented Sterilite De-Ox Sterling with 12% greater 'as cast' hardness (84V) to solve these durability issues. The new #127 Sterilite has good casting properties and tarnish resistance significantly greater than traditional Sterling. The metal can also be heat treated to achieve 70% greater hardness (130V) than traditional sterling.

The #127 Sterilite is also suitable for sheet and wire applications. The metal can be rooled or drawn to a harness of 160V which is excellent for bangle bracelet applications.

Additional benefits are as follows:

- No casting fire scale, which reduces scrap significantly
- Reduced porosity compared to regular Sterling due to better metal flow.
- More forgiving casting procedures (No pre-graining required).
- Brighter/hard surface finish with reduced polishing time
- Good tarnish resistance (4 time regular sterling).
- Excellent spring properties in sheet and wire application(160V)

Please contact us for more information or to arrange a sample order.