

Platinum Sterling

ABI's patented marriage of 925 Sterling and Platinum:

- Brighter and whiter than Rhodium plated Gold
- Harder and more durable than Sterling (15-25% harder)
- Extremely tarnish resistant (no plating required)
- Excellent white Gold alternative with high perceived value at 10% the cost of 14K Gold.

Platinum Sterling Characteristics

ALLOY	CASTING TEMP.	HARDNESS	TARNISH RESISTANCE	DENSITY	CASTING COMMENTS
1.0% PT/STG	980°C	85V	7.5 X	10.5 G/CM ³	Excellent metal flow/Firescale free High lustre finish
3.5% PT/STG	1010°C	80V	7 X	10.6 G/CM ³	Very good metal flow/Firescale free High lustre finish
5.0% PT/STG	1020°C	90V	6 X	10.7 G/CM ³	Good metal flow/Firescale free Bright lustre finish
REGULAR STERLING	980°C	70V	X	10.4 G/CM ³	Dark castings with firescale

All blends suitable for hand fabrication. Scrap 100% recyclable.
 The tarnish resistance of 3.5% Pt/Stg is 7 times Sterling.

Solder Recommendation: 10K Non Plumb white repair solder/laser weldable

Tarnish Dip Option: The tarnish resistance of all Platinum Sterling blends can be doubled by dipping in ATD-3 solution.
 This creates tarnish resistance similar to Karat Gold which can eliminate the need to Rhodium plate.