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SilverAlloy A-96Ti-Active

Introduction

Aufhauser SilverAlloy A-96Ti-Active is an active, brazing alloy that promotes wetting and good capillary action on several surfaces that would otherwise be difficult to join by brazing. The active components of this alloy promote wetting on, for example, ceramics, aluminum oxides (sapphire), diamond.

Applications

Brazing with Aufhauser SilverAlloy A-96Ti-Active provides a reliable method of bonding ceramics to any metals (including stainless steels).

Nominal Composition, wt. %

Ag	Ti
96	4

Physical Properties *

Parameter	In US units	In metric units
Solidus temperature	1780 °F	971 °C
Liquidus temperature	1780 °F	971 °C
Recommended brazing temperature	1855 – 1905 °F	1013 – 1041 °C

* The above properties apply to the alloy before it is used in the brazing process.

Supplied forms: powder, paste.