

TitaniumAlloy T-60Ti-Active

Description

Aufhauser **TitaniumAlloy T-60Ti-Active** provides good wetting on titanium, titanium alloys, and super alloys. It is used in a high vacuum or dry argon atmosphere. Due to its high titanium content this alloy exhibits better corrosion resistance.

Application

Brazing of thermal transfer products (fin-plate and tube bundle heat exchangers).

Nominal Composition

Element	wt. %
Ti	59 - 61
Cu	14 - 16
Ni	24 - 26
Cd	0.001 max
Zn	0.001 max
P	0.002 max
Pb	0.002 max
C	0.005 max

Physical Properties

Liquidus temperature	1724°F (940°C)
Solidus temperature	1634°F (890°C)
Brazing temperature range	1824 - 1874°F (996 - 1023°C)
Density	2.96 toz/in ³

Specification

AWS A5.8 BTi-2

Available forms

Powder, paste, foil