

Brazelt #110 (Electrolytic Touch Pitch)

Nominal Composition:	
Copper	99.9%
Physical Constants:	
Solidus	1949°F (1065°C)
Liquidus	1981°F (1083°C)
Brazing Range	2050°F
Specific Gravity	8.89-8.94
Density (lb/cu in)	.323
Electrical Conductivity (% IACS)	101
Electrical Resistivity (Michroh-m-cm)	1.71

DESCRIPTION:

Brazelt #110 is a free flowing, high strength material for the brazing of steel, stainless and nickel alloys. Brazing is performed in a controlled atmosphere environment without the use of flux. By controlling the moisture content (dew point) of the atmosphere, assembled parts exit the furnace clean and ready for shipment.

Brazelt #110 is available in a variety of preform options and is well suited for tight fitted as well as press fit joints. From an economy standpoint, Brazelt #110 is the least expensive material available. With properly designed joints, it is also one of the strongest.

SPECIFICATIONS:

AWS	BCu-1
Federal Spec.	QQ-B-575

AVAILABLE FORMS:

Standard forms of Brazelt #110 are wire, strip and preforms.