

Brazelt #773 (Nickel-Silver)

Nominal Composition:	
Copper	48%
Nickel	10%
Zinc	Balance
Physical Constants:	
Solidus	1665°F (907°C)
Liquidus	1680°F (916°C)
Brazing Range	1740°F
Density (lb/cu in)	.302
Electrical Conductivity (%IACS)	5.5
Electrical Resistivity (Microhm-cm)	31.4

DESCRIPTION:

Brazelt #773 is a high temperature, high strength corrosion resistant alloy primarily used for the joining of steel to steel or carbide to steel. Due to high flow point, we recommend the use of Black Flux. Because of the zinc content, it is recommended that the heat cycle is kept to a minimum to prevent any vaporizing of the zinc.

SPECIFICATIONS:

AWS	RBCUZN-D
MIL	R-19631
FED. SPEC.	QQ-B-571a

AVAILABLE FORMS:

Standard forms of Brazelt #773 are wire, and preforms.