BrazeIt #521 (Phos. Bronze Grade C)

Nominal Composition:	
Copper	92%
Tin	8%
Physical Constants:	
Solidus	1620˚F (880˚C)
Liquidus	1880˚F (1020˚C)
Brazing Range	1925˚F
Specific Gravity	8.8
Density (lb/cu in)	.318
Electrical Conductivity (% IACS)	13
Electrical Resistivity (Michrohm-cm)	13.3

DESCRIPTION:

BrazeIt #521 is a furnace braze alloy used primarily for low carbon steel. The temperature range between solidus and liquidus makes this alloy ideal where fit up is less than perfect. The presence of tin creates joints that offer improved corrosion resistance compared to CDA #102 or CDA #110.

SPECIFICATIONS:

ASTM	B159

AVAILABLE FORMS:

Standard forms of BrazeIt #521 are wire, strip and preforms.