

**C68100 Brass Brazing Rods:****Product Description:**

Shree Extrusion Low Fuming Bronze is a general purpose oxy-acetylene brazing rod used for Steel, Copper Alloys, Cast Iron, Nickel Alloys and Stainless Steel. A balanced chemical analysis of Copper and Zinc as well as alloying elements of Tin, Iron, Manganese and Silicon produces welds with excellent mechanical properties. High strength, ductile and sound welds are easily attained by using a neutral or slightly oxidizing flame (especially on Copper Alloys). The high Silicon content keeps fumes to a minimum.

**Equivalent Specification:**

ISO	USA	UNS	JIS	EN	DIN
24373:2008	AWS A5.7/A5.7M:2007		Z3341:1999	14640:2005	1733-1:1998
CUZn40Fe1Sn1	-	C68100	-	CuZn40FeSnSi	2.0366

Technical Specifications:

Chemical Composition	C68100
Copper (Cu)	56-60%
Aluminum (Al)	0.01% Max
Iron (Fe)	0.25-1.20%
Manganese (Mn)	0.01-0.05%
Silicon (Si)	0.04-0.15%
Tin (Sn)	0.80-1.10%
Zinc (Zn)	Bal
Lead (Pb)	0.50%
Other	0.50%

Physical and Mechanical Properties:

Solidus Temperature	866°C (1591°F)	Liquidus Temperature	888°C (1630°F)
Density	8.4 gms/cm ³	Tensile Strength	450 N/mm ²
Elongation	30%	Brinell Hardness	96HB

Sizes Available:

Wire	1.0 mm to 11 mm Max
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