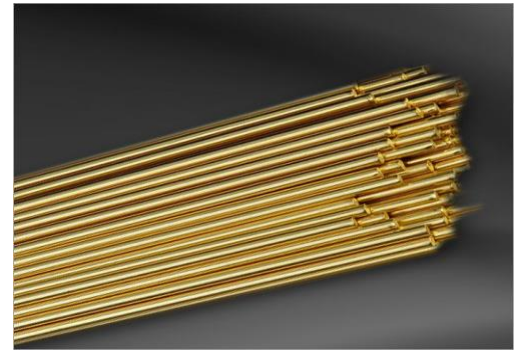




**RBCuZn-C Brass Brazing Rods:**

**Product Description:**

Shree Extrusions Low fuming bronze is a general-purpose, copper base alloy brazing rod used extensively for gas brazing steel, copper alloys, cast iron, nickel alloys and stainless steel. Its low fuming characteristic and good mechanical properties make this alloy a widely used general-purpose product. Preheating is recommended for some applications and a bronze brazing flux is required if the rod is not coated. This brazing rod has a low melting point making it easily machinable and excellent for sheet metal work. This alloy also possesses high tensile strength and good ductility.



**Equivalent Specification:**

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

**Technical Specifications:**

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

**Physical and Mechanical Properties:**

Solidus Temperature	866°C (1591°F)	Liquidus Temperature	882°C (1620°F)
Density	8.39 gms/cm <sup>3</sup>	Tensile Strength	450 N/mm <sup>2</sup>
Elongation	25%	Brinell Hardness	96HB

**Sizes Available:**

Wire	1.0 mm to 11 mm Max
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