



**CuZn40SnSi Brass Brazing Rods:**

**Product Description:**

Shree Extrusions is a copper-zinc brazing filler metal similar to RBCuZn-B, but without the addition of nickel. Low Fuming Bronze is a popular brazing alloy for copper, copper alloys, nickel, nickel alloys, steel, and stainless steel. It is also used in thermal spray and arc spray metallizing applications.



**Equivalent Specification:**

ISO	USA	JIS	EN	DIN
24373:2008	AWS A5.7/A5.7M:2007	Z3341:1999	14640:2005	1733-1:1998
CU 4641	-	-	CuZn40SnSi	-

**Technical Specifications:**

Chemical Composition	CuZn40SnSi
Copper (Cu)	58-62%
Aluminum (Al)	0.01% Max.
Iron (Fe)	0.02% Max.
Manganese (Mn)	0.3% Max.
Silicon (Si)	0.10-0.50%
Tin (Sn)	1.00%
Zinc (Zn)	Bal
Other	0.20%

**Physical and Mechanical Properties:**

Solidus Temperature	890°C (1634°F)	Liquidus Temperature	910°C (1670°F)
Density	8.4 gms/cm <sup>3</sup>	Tensile Strength	381 N/mm <sup>2</sup>
Elongation	30%	Brinell Hardness	88HB

**Sizes Available:**

Wire	1.0 mm to 11 mm Max
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