



CuZn40Sn1 Brass Brazing Rods:

Product Description:

Brazing filler metal is used on steels, copper, copper alloys, nickel, nickel alloys, and stainless steel where corrosion resistance is not of importance. Includes bicycle industry, marine propeller, furniture industry etc.



Equivalent Specification:

ISO	USA	UNS	JIS	EN	DIN
24373:2008	AWS A5.7/A5.7M:2007		Z3341:1999	14640:2005	1733-1:1998
CuZn40Sn	-	C47000	-	CuZn40	-

Technical Specifications:

Chemical Composition	CuZn40Sn1
Copper (Cu)	57-61%
Aluminum (Al)	0.01% Max.
Lead (Pb)	0.05
Manganese (Mn)	-
Silicon (Si)	-
Tin (Sn)	0.25-1.00%
Zinc (Zn)	Bal
Other	0.50%

Physical and Mechanical Properties:

Solidus Temperature	886°C (1627°F)	Liquidus Temperature	901°C (1654°F)
Density	8.45 gms/cm ³	Tensile Strength	375 N/mm ²
Elongation	35%	Brinell Hardness	85HB

Sizes Available:

Wire	1.0 mm to 11 mm Max
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