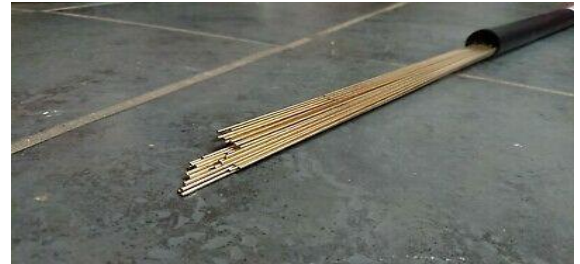




C68000 Brass Brazing Rods:

Product Description:

Low-Fuming Bronze-Nickel, This braze welding rod are similar to RBCuZn-A rods but contain additions of iron and manganese which serve to increase the hardness and strength. In addition, a small amount of silicon serves to control the vaporization of the zinc, yielding the “low-fuming” property. The nickel addition assures uniform distribution of the iron in the deposit.



Equivalent Specification:

ISO	USA	UNS	JIS	EN	DIN
24373:2008	AWS A5.7/A5.7M:2007		Z3341:1999	14640:2005	1733-1:1998
CU 4641	-	C68000	-	CuZn40Ni	-

Technical Specifications:

Chemical Composition	C68000
Copper (Cu)	56-60%
Aluminum (Al)	0.01% Max
Iron (Fe)	0.25-1.20%
Manganese (Mn)	0.01-0.05%
Silicon (Si)	0.04-0.20%
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	882°C (1620°F)
Density	8.39 gms/cm3	Tensile Strength	450 N/mm2
Elongation	25%	Brinell Hardness	96HB

Sizes Available:

Wire	1.0 mm to 11 mm Max
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