

## Introduction

CuZn40Ni is most popular for padding material of Gas-welding and ARC welding in brass. It can also be used in gas welding of copper, steel, copper-nickel, casting and cemented carbide alloy tools incrustation. It shows perfect performance when it is used for joining welding of Cu-Zn alloy with steel. Pre-heat is suggested for the large size products and pulsed ARC welding is recommended for multi layer on steel.

**Standard:** BS EN14640

## Chemical & Physical Properties

Class	Cu	Fe	Mn	Ni	Si	Zn	Sn	other	Density	Solids-Temperature	Liquids Temperature
Cu6800	56	0.8	0.1	0.25	0.1	Bal.	0.95	<0.5	8.39kg/dm <sup>3</sup>	866°C	882°C

## Applications

- Can be used for copper, steel, copper and nickel alloy, gray cast iron melting and argon arc welding, gas protection and carbide cutting tools

## Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 2.0, 3.17	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

## Packaging

Spool	15kgs / spool (D300 spool)
Coil	20 - 400kgs / coil