

# TECHNICAL SHEET

CuMn12Ni3

**BEIDUO**® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000392

## Classification

CuMn12Ni3

EN ISO 3677: B-Cu85MnNi-970/990

## Chemical Composition: %

Cu	Mn	Ni	Other
Balance	12	3	0.30

## Mechanical and physical properties

Working temperature: 990 ° C

Melting range: 970 - 990 ° C

Specific gravity: 8.4 g/cm<sup>3</sup>

Tensile strength: 390 N/mm<sup>2</sup>

## Welding process:

Brazing

## Description and Applications

Manganese bearing copper based alloy for capillary brazing of alloyed and unalloyed steel. Well suited for hard metal / steel joints..

## Availability

Rods:  $\phi$  1.5-5.0mm Max.Length: 15mm-1000mm

Wire:  $\phi$  1.2, 1.6mm on spools or coil wire

Other dimensions are available upon request

## BEIDUO ALLOYS

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