

TECHNICAL SHEET

CuMn12Ni2

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000302

Classification

CuMn12Ni2

EN ISO 3677: B-Cu86MnNi-970/990

Chemical Composition: %

Cu	Mn	Ni	Other
Balance	12	2	0.30

Mechanical and physical properties

Working temperature: 990 ° C

Melting range: 970 - 990 ° C

Specific gravity: 8.4 g/cm³

Tensile strength: 390 N/mm²

Welding process:

Brazing (Inert-gas furnace, induction, resistance-heating)

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: ϕ 1.5-5.0mm Max.Length: 15mm-1000mm

Wire: ϕ 1.2, 1.6mm on spools or coil wire

Other dimensions are available upon request

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