

FONTARGEN A 101

High strength brazing alloy



ISO 17672:	Cu 773
DIN EN 1044:	CU 305
DIN 8513:	L-CuNi10Zn42
EN ISO 3677:	B-Cu48ZnNi(Si)-890/920
AWS A 5.8:	RBCuZn-D
Material-no.:	2.0711

Composition, typical analysis (% w/w):

Cu	Ni	Si	Mn	Sn	Zn
48	9.5	0.25	< 0.2	< 0.2	Remainder

Mechanical and physical properties:

Working temperature:	910 °C
Melting range:	890 - 920 °C
Specific gravity:	8.7 g/cm ³
Tensile strength:	690 N/mm ²
Elongation:	15 - 20 %

Characteristics / Applications:

Nickel-bearing filler metal of high strength and good fluidity. Suitable for brazing of steel, cast iron, malleable cast iron, nickel and nickel alloys. Suitable for brazing and hardening in one production step. It is very often used in the steel furniture industry.

Heat sources:

Acetylene torch, induction and resistance heating

Flux:

F 100 - Series
Rapidflux - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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