

TECHNICAL SHEET

Brazing Rods RBCuZn-D

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000005

Classification

AWS A5.8	RBCuZn-D
DIN EN1044	CU305
DIN 8513	L-CuNi10Zn42
ISO 17672	Cu773

Chemical Composition: %

Cu	Ni	Si	Zn	Other
46-50	9-11	0.04-0.25	Balance	0.5

Mechanical and physical properties

Working temperature: 940-980 °C

Melting range: 921 - 935 °C

Specific gravity: 8.7 g/cm³

Tensile strength: 690 N/mm²

Elongation: 15-20 %

Joining process

Acetylene torch, induction and resistance heating

Description and 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.

Availability

Rods: ϕ 1.5-5.0mm Max.Length: 1000mm

Wire: ϕ 0.8, 1.0, 1.2, 1.6mm on spools D300

Other dimensions are available upon request

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