

FONTARGEN A 210 K

Brass brazing alloy



ISO 17672:	Cu 681
DIN EN 1044:	CU 306
DIN 8513:	L-CuZn39Sn
EN ISO 3677:	B-Cu59ZnSn(Ni)(Mn)(Si)-870/890
Material-no.:	2.0533

Composition, typical analysis (% w/w):

Cu	Sn	Si	Mn	Ni	Zn
59	1	0.3	0.6	0.85	Remainder

Mechanical and physical properties:

Working temperature:	900 °C
Melting range:	875 - 895 °C
Specific gravity:	8.4 g/cm ³
Tensile strength:	380 - 420 N/mm ²
Elongation:	30 %
Hardness:	120 BHN

Characteristics / Applications:

Particularly thin brazing alloy, insensitive to overheating for gap brazing and coating of steel, cast iron, malleable cast iron, nickel and nickel alloys, as well as copper and copper alloys with a solidus of > 900 °C. Also suitable for gap brazing of galvanised steel tubes.

Heat sources:

Acetylene torch, furnace, induction and resistance heating

Flux:

F 100 - Series
Rapidflux - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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