

FONTARGEN A 211 RF

Brass brazing alloy with flux impressed in grooves



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	0.3	0.3	0.6	0.85	Remainder

Mechanical and physical properties:

Working temperature:	890 °C
Melting range:	870 - 890 °C
Specific gravity:	8.4 g/cm ³
Tensile strength:	440 N/mm ²
Elongation:	30 %
Hardness:	100 - 125 BHN

Characteristics / Applications:

Brazing alloy with a set amount of flux. The brazing-flux combination allows simple operation procedures, outstanding flowing properties and perfect bonding to the base metal. For gap brazing and coating of copper and copper alloys with a solidus of > 900 °C, steel, cast iron, malleable cast iron, galvanised steel, nickel and nickel alloys.

Heat sources:

Acetylene torch, induction and resistance heating

Flux:

F 100 - Series
Rapidflux - Series

Approval:

Germanischer Lloyd (G.L.)

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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