

FONTARGEN A 211

Thin fluid special brass brazing alloy



EN ISO 3677: B-Cu59ZnAg(Sn)(Ni)(Mn)(Si)-870/890
DIN 8513: L-CuZn39Sn
Material-no.: 2.0533

Composition, typical analysis (% w/w):

Cu	Sn	Ag	Si	Mn	Ni	Zn
59	0.3	1	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/cm³
Tensile strength: 440 N/mm²
Elongation: 30 %
Hardness: 100 - 125 BHN

Characteristics / Applications:

Brazing alloy with good flowing and wetting properties. Applications on galvanised steel does not lead to a destruction of the zinc-coating. For gap brazing 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

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/11/JL/1