

FONTARGEN A 407 L

Aluminium brazing alloy



EN ISO 17672:	Al 112
DIN EN 1044:	AL 104
DIN 8513:	L-AISI12
EN ISO 3677:	B-AI88Si-575/585
AWS A 5.8:	BAISI-4
Material-no.:	3.2285

Composition, typical analysis (% w/w):

Al	Si
88	12

Mechanical and physical properties:

Working temperature:	590 °C
Melting range:	575 - 585 °C
Specific gravity:	2.7 g/cm ³
Tensile strength:	100 N/mm ²

Characteristics / Applications:

Capillary active brazing alloy for structure matching and tonal joints of aluminium and rolled / cast aluminium alloys. The Mg-content must be ≤ 3 %. The solidus temperature should be > 630 °C. Not suitable for joints that are to be eloxadized. This brazing alloy is also suited for joints of aluminium with Cr-Ni-steel.

Heat sources:

Inert gas- and vacuum furnace, induction and resistance heating, acetylene torch

Flux:

F 400 - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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