

FONTARGEN A 203/12 L

Copper-based high-temperature brazing alloy



DIN EN ISO 17672:	Cu 925
DIN EN 1044:	CU 202
DIN 8513:	L-CuSn12
EN ISO 3677:	B-Cu88Sn(P)-825/990
Material-no.:	2.1055

Composition, typical analysis (% w/w):

Cu	Sn	P
87.8	12	0.2

Mechanical and physical properties:

Working temperature:	1000 °C
Melting range:	825 - 990 °C
Specific gravity:	8.9 g/cm ³
Tensile strength:	392 - 441 N/mm ²
Elongation:	25 - 28 %
Electrical conductivity:	6 Sm/mm ²
Heat conductivity:	61 W/mK
Hardness:	95 - 105 HB

Characteristics / Applications:

High-temperature brazing alloy for brazing of copper, iron and nickel.

Heat sources:

Inert-gas furnace, induction

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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