

FONTARGEN A 203/6 L

Copper-based high-temperature brazing alloy



DIN EN ISO 17672:	Cu 922
DIN EN 1044:	CU 201
DIN 8513:	L-CuSn6
Material-no.:	2.1021
EN ISO 3677:	B-Cu94Sn(P)-910/1040

Composition, typical analysis (% w/w):

Cu	Sn	P
93.55	6.25	0.2

Mechanical and physical properties:

Working temperature:	1040 °C
Melting range:	910 - 1040 °C
Specific gravity:	8.9 g/cm ³
Tensile strength:	334 - 363 N/mm ²
Elongation:	> 30 %
Electrical conductivity:	9 Sm/mm ²
Heat conductivity:	35 W/mK
Hardness:	> 80 HB
Thermal elongation:	18.10 ⁻⁶ °C

Characteristics / Applications:

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

Heat sources:

Inert-gas furnace, induction

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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