

FONTARGEN A 206

Copper-based high-temperature brazing alloy



EN ISO 3677:

B-Cu87MnCo-980/1030

Composition, typical analysis (% w/w):

| Cu | Mn | Co |
|----|----|----|
| 87 | 10 | 3 |

Mechanical and physical properties:

Working temperature: 1020 °C

Melting range: 980 - 1030 °C

Specific gravity: 8.8 g/cm³

Characteristics / Applications:

Manganese and Cobalt bearing copper based alloy for capillary brazing of hard metal, steel and Nickel alloys. Processing through controlled atmosphere furnace should be applied. A206 suits well to carbide/steel applications where high mechanical stresses are encountered (i.e. mining or road construction).

Heat sources:

Protective gas furnace, induction-heating, resistance-heating

Availability:

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

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