

FONTARGEN HTL 9

Copper-based high-temperature brazing paste



AMS: 4764 E

Composition, typical analysis (% w/w):

Cu	Ni	Mn
52.5	9.5	Remainder

Mechanical and physical properties:

Working temperature: 1010 - 1093 °C, rec. brazing temp. 1065 °C

Melting range: 879 - 927 °C

Gap width: up to 0.02 - 0.08 mm

Oxidationresistant: 538 °C

Characteristics / Applications:

The flux-free brazing alloy HTL 9 is used for joints on Cu-, Fe- and Ni-based alloys as well as on stainless Cr-Ni-steel. This brazing alloy is used especially in the aviation, nuclear technology and the chemical industry. It is easy to dispense and dries slowly on air.

Application:

Manually or automatically with pneumatical or mechanical dispensing units.

Heat sources:

Inert-gas continuous furnace Argon	Inert-gas continuous furnace Hydrogen	Vacuum furnace
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Availability:

Paste HTL 9 AP	Powder HTL 9
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/10/JL/1