

FONTARGEN HTL 310

Copper- nickel-based high-temperature paste



Composition, typical analysis (% w/w):

Ni	Cu	Mn	Si	B	Remainder
42.2	40.5	14.1	1.8	1.2	< 0.2

Mechanical and physical properties:

Working temperature:	1100 °C
Melting range:	> 910 °C
Gap width:	up to 0.1 mm
Viscosity range:	80.000 - 90.000 mPas
Metal content:	≈ 90 % w/w

Characteristics / Applications:

The flux-free brazing alloy HTL 310 is an easy to dispense brazing paste with medium viscosity and high metal content. It dries slowly on air. It is used for brazing of steel sinter materials.

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 310 AP	Powder HTL 310
<input checked="" type="checkbox"/>	<input type="checkbox"/>

13/10/JL/1