

FONTARGEN HTL 170

Nickel-based high temperature brazing paste



Composition, typical analysis (% w/w):

B	Cr	Si	P	Fe	Ni
1.4	14	2	5.6	2	Remainder

Mechanical and physical properties:

Working temperature:	980 - 1050 °C
Melting range:	866 - 881 °C
Gap width:	0.02 - 0.2 mm
Viscosity range:	90.000 - 110.000 mPas
Metal content:	≈ 90 % w/w

Characteristics / Applications:

The flux-free brazing alloy HTL 170 is an easy to dispense brazing paste of medium viscosity with a high metal content and good gap bridging properties. The alloy is particularly well suited for brazing of high-alloyed steel. The paste dries slowly on air.

Application:

Manually or automatically with pneumatical or mechanical dispensing units.

Heat sources:

Inert-gas continuous furnace cracked NH ₃	Inert-gas continuous furnace H ₂ /N ₂	Vacuum furnace
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Availability:

Paste HTL 170 AP	Powder HTL 170
<input checked="" type="checkbox"/>	<input type="checkbox"/>

13/10/JL/1