

FONTARGEN HTL 5 CR

Nickel-based high-temperature brazing paste



Composition, typical analysis (% w/w):

Cr	Si	P	Ni
29	4	6	Remainder

Mechanical and physical properties:

Working temperature:	1070 - 1090°C, rec. brazing temp. 1100 °C
Gap width:	0.02 - 0.35 mm
Viscosity range:	90000 - 115000 mPas
Metal content:	≈ 89 % w/w

Characteristics / Applications:

HTL 5 CR is a brazing alloy suited for corrosion resistant joints. It has excellent wetting properties and high tec. strength. HTL 5 CR is also used for wide gap brazing. The corrosion and oxidation resistance is better than B-Ni 5 but the brazing temperature is lower.

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Availability:

Paste HTL 5 CR AP	Powder HTL 5 CR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/10/JL/1