

4J29

4J29 的化学成分:

Chemical composition of 4J29:

合金 Alloy	%	镍 Ni	铬 Cr	铁 Fe	钴 Co	铜 Cu	碳 C	锰 Mn	硅 Si	磷 P	硫 S	钼 Mo
4J29	最小 Min	28.5		余量	16.8							
	最大 Max	29.5	0.2	REM	17.8	0.20	0.03	0.50	0.30	0.02	0.02	0.20

4J29 合金在较宽的温度范围(-80—450℃)内膨胀系数与硬玻璃的膨胀系数相近，在电真空工业中，用来与硬玻璃封接制造高气密性元器件，也可以和陶瓷封接。名称：铁镍钴玻封合金。在 20~450 ℃具有与硅硼硬玻璃相近的热膨胀系数，居里点高，具有良好的低温组织稳定性。为铁镍钴玻封合金。

The expansion coefficient of 4J29 alloy is similar to that of hard glass in a wide temperature range (-80 -- 450℃). In the electric vacuum industry, it is used to seal with hard glass to make high air tightness components, and can also be sealed with ceramic. Name: Iron nickel cobalt glass seal alloy. The thermal expansion coefficient is similar to that of borosilicate hard glass at 20 ~ 450 ℃, the Curie point is high, and the microstructure stability is good at low temperature. It is Fe-Ni-Co glass seal alloy.