



GH3030

1. Brief introduction:

GH3030 is a 80Ni-20Cr solid solution strengthened superalloy with simple chemical composition, satisfactory thermal strength and high plasticity below 800 °C, and good oxidation resistance, thermal fatigue, cold stamping and welding process performance. This alloy is monocrystalline austenite after solution treatment, and the structure is stable during use.

Mainly used for turbine engine combustor components working below 800 °C and other high temperature components requiring oxidation resistance but low load below 1100 °C.

2. Main specifications:

Chinese	Russia
GH3030	ЭИ435, XH78T

3. Chemical composition under GB/T 14992-2005 standard:

Grade	chemical composition, %										
	Ni	Cr	C	Si	Mn	S	P	Fe	Ti	Cu	Al
GH3030	Remainder	19-22	≤0.12	≤0.8	≤0.7	≤0.02	≤0.03	≤1.5	0.15-0.35	≤0.2	≤0.15

Remarks: If require adjustments for some chemical compositions, pls consult with us.

4. Main product types we produce:

wire, rod, bar, forging, strip, sheet/plate, tube/pipe.

5. Gh3003 source URL:

<https://www.hitealloy.com/product/gh3030.html>