



GH3039

1. Brief introduction:

GH3039 is a Ni-Cr based solid solution strengthened deformation superalloy, which is mainly solid solution strengthened with elements such as Mo and Nb. It has moderate heat strength and good resistance to cold and heat fatigue below 800 °C. It also has good oxidation resistance below 1000 °C and stable tissue after long-term use.

It has been used in the manufacture of aero-engine combustion chambers and afterburner parts.

2. Main specifications:

Chinese	Russia
GH3039	Зи602, XH75МБТЮ

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

Grade	Ni	Cr	C	Si	Mn	S	P	Fe	Ti	Cu	Al	Mo	Nb
GH3039	Remainder	19-22	≤0.08	≤0.8	≤0.4	≤0.012	≤0.02	≤3	0.35-0.75	≤0.2	0.35-0.75	1.8-2.3	0.9-1.3

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

4. Main product types we produce:

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

5. GH3039 source URL:

<https://www.hitealloy.com/product/gh3039.html>