



SHANGHAI KATALOR ENTERPRISES CO., LTD.

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INCONEL 617 Plate, Sheet,Pipe,Bar

INCONEL 617 is a solid solution, strengthened nickel chromium cobalt molybdenum alloy and has excellent comprehensive high temperature strength and oxidation resistance. The alloy also has corrosion resistance in a wide corrosion environment, and is easy to be formed and welded with the prior technology.

INCONEL 617 Chemical Requirements:

Grade	chemical composition(%)						
	C	Si	Cr	AL	Fe	Mo	Ti
INCONEL 617	0.05-0.1	<=0.7	20.0-23.0	0.6-1.5	<=2.0	8.0-10.0	0.2-0.6
	S	Co	Ni	P	La	Mn	
	<=0.008	10.0-13.0	allowance	<=0.012	0.03	<=0.7	

INCONEL 617 mechanical property Requirements:

Grade	(20.c)mechanical property		
	yield strength(MPa)	tensile strength(Mpa)	Elongation rate(%)
INCONEL 617	300	680	30

Physical property:

The density: 8.24g/cm³

Melting temperature ranges: 260- 1320°C

The INCONEL 617 alloy can be used in hot corrosion field such as sulfide oxidation and carbonization environment, especially the environment up to 1100 DEG C cycle with excellent corrosion resistance. INCONEL 617 has excellent corrosion resistance and especially is suitable for high temperature. It also can be applied to industrial and aviation turbine components, an air heater, a muffle and radiation Museum, heat exchanger, valve and a spring, high temperature gas cooled nuclear reactor.

Our company is mainly engaged in the import and export of steel products, including steel, steel, stainless steel, steel, round bar. The alloy is one of one of our main products. The size of the alloy is complete, good quality, welcome new and old customers to come and purchase.