

Inconel 601(UNS N06601)

Specifications

Item	Chemical Composition (%)								
Inconel 601	C	Mn	Si	S	Cr	Ni	Fe	Al	Cu
	≤0.1	≤1.0	≤0.5	≤0.015	21.0~25.0	58.0~63.0	Bal	1.0~1.7	≤0.5
	Standard								
	Sheet/Plate		Round bar/Wire		Pipe		Tube		
	ASME SB-168 AMS 5870		ASME SB-166 AMS 5715		ASME SB-163 ASME SB-167 ASME SB-829 ASME SB-751 ASME SB-775		ASME SB-775 ASME SB-751		

Properties

Inconel 601(UNS N06601) is a standard engineering material and has a great resistance to heat and corrosion. Due to high chromium and some aluminum content, Inconel 601 has good resistance in oxidizing sulfur bearing atmospheres at elevated temperatures.

Application

Inconel 601(UNS N06601) is widely used in petrochemical processing, industrial furnaces, gas turbine components and for heat treating equipment such as baskets, muffles and retorts.