

Inconel 625(UNS N06625)

Specifications

Item	Chemical Composition (%)						
Inconel 625	C	Mn	Si	S	Cr	Ni	Fe
	≤0.1	≤0.5	≤0.5	≤0.015	20.0~23.0	≥58.0	≤5.0
	Ti	Al	P	Mo	Co	Nb+Ta	
	≤0.4	≤0.4	≤0.015	8.0~10.0	≤1.0	3.15~4.15	
	Standard						
	Sheet/Plate		Round bar/Wire		Pipe		Tube
	ASME SB-443 AMS 5599 AMS 5869		ASME SB-446 AMS 5666 AMS 5837		ASME SB-444 ASME SB-751 ASME SB-829 ASME SB-775		ASME SB-704 ASME SB-705 ASME SB-775 ASME SB-751

Properties

Inconel 625(UNS N06625) is a Nickel-Chromium-Molybdenum alloy with excellent corrosion resistance in a wide range of corrosive media, being especially resistant to pitting and crevice corrosion.

Application

Inconel 625(UNS N06625) is a favorable choice for sea water applications. Applications include the marine and aerospace industries, chemical processing, nuclear reactors and pollution control equipment.