



INCONEL® Alloy 625-UNS N06625-2.4856-NS3306-ERNiCrMo-3

Nickel-chromium-molybdenum-niobium alloy 625 has high strength and toughness under 1742°F.

General Property:

Density: 8.442 g/cm³

Melting Range: 1287-1348°C

Outstanding mechanical properties and corrosion resistance at extremely low temperatures,

Chemical Composition:

	Ni	Fe	Mn	C	Si	S	Cr	Al	Ti	Nb+Ta	Mo	P	Co
Min	58						20			3.15	8.0		if determined
Max		5.0	0.5	0.1	0.5	0.015	23	0.4	0.4	4.15	10	0.015	1.0

Specifications:

ASTM B564, ASTM B446, AMS5666, API 6A-60K

Applications:

Exhaust systems of aerocrafts, automobiles and motorsports
Thrust-reverser assemblies
Turbine scrolls
Expansion joints
Furnace muffles
Reactors of petrochemicals, nuclear, refineries
Weld overlay and spacers for energy recycle systems(ERS)
Offshore oil rigs
Pollution control equipment components
Springs, sealings, fasteners, valve seats
Bellows and gaskets
Marine equipment
Fuel nozzles
Afterburners

Please turn to our sales to request the Material Test Report (MTR) for your reference.

Overseas Business: zhanglu@toland-alloy.com