

Alloys Name	INCONEL600		
UNS Number	N06600	Density(g/cm ³)	8.47
Chemical Composition(%)	Carbon 0.15 max Chromium 14 - 17 Copper 0.5 max Iron 6 - 10 Manganese 1 max Nickel Balance Silicon 0.5 max Sulphur 0.015 max		
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi(Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	80-100(550-690)	30-50(210-340)	120-170
Specification	VLX600(tm) AL 600(tm) Ferrochronin 600(tm) Nickelvac 600(tm) Nicrofer 7216 LC(tm) Pyromet Alloy 600(tm) Sanicro 70(tm) CM 600(tm) Pyromet 600(tm) AMS 5540 AMS 5580 AMS 5665 AMS 5687 ASTM B163 ASTM B166 ASTM B167 ASTM B168 ASTM B516 ASTM B517 ASTM B564 DIN 2.4816 MIL N-23228 MIL N-23229 MIL N-6710 MIL T-23227 QQ W390 UNS N06600		
Description/Applications	<ul style="list-style-type: none"> * Resistant to oxidizing and reducing environments, * For severe corrosion environments at elevated temperatures, * Steam generators food processing, chemical processing, electronic components, * Furnace muffles, heat treating equipment, nuclear steam generator tubing and other equipments. 		