

Alloys Name		HASTELLOY C-4	
UNS Number	N06455	Density(g/cm ³)	8,64
Chemical Composition(%)	Carbon	0.015 max	
	Chromium	14 - 18	
	Cobalt	2 max	
	Iron	3 max	
	Manganese	1 max	
	Molybdenum	14 - 17	
	Nickel	Balance	
	Phosphorus	0.04 max	
	Silicon	0.08 max	
	Sulphur	0.03 max	
Titanium	0.7 max		
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi (Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	116,2(801)	61,0(421)	194(B-92)
Specification	HASTELLOY(r) C-4 alloy Nicrofer 6619hMo(tm) ASTM B574 ASTM B575 ASTM B619 ASTM B622 ASTM B626 DIN 2.4610 UNS N06455		
Description/Applications	* Ni-16Cr-16Mo alloy with high-temperature stability in the 1200-1900°F (650-1040°C) range as evidenced by good ductility and corrosion resistance, Virtually the same excellent corrosion resistance as alloy C-276, * Chemical processing application, seawater environments,		