

Alloys Name		HASTELLOY C-276	
UNS Number	N10276	Density(g/cm ³)	8,89
Chemical Composition(%)	Carbon	0.02 max	
	Chromium	14.5 - 16.5	
	Cobalt	2.5 max	
	Iron	4 - 7	
	Manganese	1 max	
	Molybdenum	15 - 17	
	Nickel	Balance	
	Phosphorus	0.03 max	
	Silicon	0.08 max	
	Sulphur	0.03 max	
	Tungsten	3 - 4.5	
	Vanadium	0.35 max	
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi (Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	114,9(792)	51,6(356)	184(B-90)
Specification	Nickelvac HC-276(tm) Microfer 5716 hMoW(tm) Carpenter C276 Alloy(tm) Carpenter C276(tm) HASTELLOY(r) C276 alloy(tm) Microfer 5716(tm) ASTM B366 ASTM B574 ASTM B575 ASTM B619 ASTM B622 ASTM B626 ASTM F467 ASTM F468 DIN 2.4819 UNS N10276		
Description/Applications	* Ni-16Cr-16Mo-6Fe-4W alloy, a highly versatile corrosion-resistant alloy. * Excellent resistance to oxidizing and reducing corrosives, acids, and chlorine- contaminated hydrocarbons. *Applications in chemical processing, pollution control, pulp and paper and other severe environments/conditions.		