

Inconel 601GC

Nickel

Chromium

Iron

<https://www.arialloy.com/inconel-601gc/>

• Chemical Composition •

Ni%	Cr%	Fe%	Al%	Zr%	N%
58.0 ~ 63.0	23.0 ~ 25.0	Balance	0.8 ~ 1.7	0.07 ~ 0.25	0.02 ~ 0.07
C%	Mn%	Si%	Cu%	S%	
0.03 ~ 0.08	≤ 1.00	≤ 1.00	≤ 1.00	≤ 0.015	

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa	MPa	%	%	HRB
All	Solution Annealed	585 ~ 690	205 ~ 345	35 ~ 55	...	...

• Physical Properties •

Density		Melting Range	
lb/in ³	g/cm ³	°F	°C
0.293	8.11	2374 ~ 2494	1301 ~ 1368

• Products Available •



Seamless Pipe & Tube



Thick-walled Pipe