

Incoloy 903

UNS N19903

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Nickel

Iron

Cobalt

www.arialloy.com/incoloy-903/

• Chemical Composition •

Al%	Ti%	Co%	Nb%	Fe%	Ni%
0.30 ~ 1.15	1.00 ~ 1.85	13.0 ~ 17.0	2.40 ~ 3.50	Balance	36.0 ~ 40.0

• Mechanical Properties •

Temperature	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB, max
70°F (21°C)	Aging Treated	1369	1141	17	43	...
1100°F (595°C)	Aging Treated	1382	1169	16	44	...
1200°F (650°C)	Aging Treated	1276	1027	19	47	...
1300°F (705°C)	Aging Treated	1027	738	20	41	...

• Physical Properties •

Density		Melting Range		Curie Temperature	
lb/in ³	g/cm ³	°F	°C	°F	°C
0.298	8.25	2405 ~ 2539	1318 ~ 1393	780 ~ 880	416 ~ 471

• Products Available •

 Round Bar & Rod

 Flat Bar

 Square Bar

 Hexagon Bar

 Sheet

 Plate

 Strip

 Wire Rod