

Inconel MA758

Nickel

Chromium

<https://www.arialloy.com/inconel-ma758/>

• Chemical Composition •

Cr%	C%	Al%	Ti%
30.0	0.05	0.30	0.50
Y ₂ O ₃ %	Fe%	Ni%	
0.60	1.0	Balance	

• Mechanical Properties •

Product	Condition	Temperature	T.S.	Y.S.	EL
		°C	MPa	MPa	%
Bar	All	20	949	560	27
	All	200	853	495	22
	All	600	741	421	23
	All	700	546	371	29
	All	750	429	274	41
	All	800	339	214	47
	All	1000	173	151	29
Plate	Longitudinal	20	1030	680	14
	Transverse	20	960	690	22
	Longitudinal	982	240	220	4
	Transverse	982	250	220	6
	Longitudinal	1093	180	170	4
	Transverse	1093	190	160	5

• Physical Properties •

Density		Melting Range	
lb/in ³	g/cm ³	°F	°C
0.294	8.14	2507	1375

• Products Available •

 Seamless Pipe & Tube

 Round Bar & Rod

 Flat Bar

 Plate

The data sheet only refers to ASTM / SAE standards. If you have special requirements, please refer to the quotation.

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