

NAUTICALLOY 4057

Chemical Composition*	C	Si	Mn	P	S	Cr	Ni	Mo	N
% Values (minimum)	0.12	-	-	-	-	15.00	1.50	-	-
% Values (Maximum)	0.22	1.00	1.50	0.040	0.030	17.00	2.50	-	-
Mechanical Properties	Proof Strength Rp 0.2		Tensile Strength		Elongation A4%		Hardness Brinell BHN (Min)		Red of Area %
Metric Units (Mpa-N/mm2)	>600		800 - 950		14		<290		12
Imperial Units (ksi)	>87		115 - 140		14		<290		12
Related Specifications	431		SUS 431		UNS S43100		1.4057		

All Nauticalloy produced can be supplied complete with 3rd party Inspection, testing and certification

All Nauticalloy produced can be supplied with dimensional reports confirming diameter tolerance and straightness

All Nauticalloy produced has a straightness tolerance up to 80mm dia of 0.005" - 0.010" TIR and 85mm and above we aim for 0.010" TIR (TIR=Total Indicator Reading)