

### 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)