

METAL

AL5083

Basic Physical Properties

Chemical Composition (%)										Al	Tensile Strength			Hardness
Element	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti			Y.S.	T.S.	Elongation	HB
Standard	min					2.2	0.15			Remain	125	275	12	
	max	0.25	0.4	0.1	0.1	2.8	0.35	0.1	0.1					
Stretch Plate	0.08	0.22	0.03	0.05	2.45	0.17	0.07	0.01			176	306	23	

REMARKS:

[1] There is no any requirement to the hardness in the technique specification, the actual hardness value is for reference only.

[2] While there was no standard value in the tensile test, it means that the technique specification did not provide any mechanical property value for the given dimension, the actual value is for reference only.

STATEMENT: We hereby certify that material described herein has manufactured and tested with satisfactory result in accordance with the requirements of the above material specification.