

METAL

AL6082 T6

Basic Physical Properties

Metal Analysis												Tensile Strength			Hardness	
Element		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Zr	Al	Y.S.	T.S.	Elongation	HB
Standard	min	0.7			0.4	0.6							255	300	9	
	max	1.3	0.5	0.1	1.0	1.2	0.25		0.2	0.1		Remain				
Actual		1.02	0.33	0.03	0.56	0.91	0.03		0.06	0.03				285	340	10

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.