

ALUMINIUM 2618 (T6/T61/T6511)

Chemical Composition			Mechanical Properties		Applications
Element	Min	Max	Tensile Strength	414 Mpa	Aerospace & Defence Engine-Components
Si		0.25	0.2% Yield Strength	290 Mpa	High-Technology Applications
Mn		0.20	Elongation	10%	
Cu	1.80	2.70	Melting Point	510° C	
Mg	1.20	1.80	Density	2.6-2.8 gr/cm ³	
Fe	0.90	1.40	Related Specification		
Ni	0.80	1.40			
Zn		0.10	A92618	DIN 3.1924	
Ti		0.20	AMS 4192	AMS 4120	
Al	BAL	BAL	AW-2618		Characteristics Aluminium alloy containing copper and magnesium is hardenable for good strength in application that involve exposure to 300°C. It has excellent machining properties.
			BS H16		
			EN 573		