

2099 Aluminium - AMS 4287

Typical Applications

High Strength Applications



2099 is an aluminium lithium alloy.

The addition of lithium increases the strength modulus of the material while lowering its density. In T83 temper 2099 has high strength and excellent corrosion resistance with moderate fracture toughness

Related Products

2014

7075

2618

2099

Technical specification

Related Specifications

AMS 4287

Density

2.63g/cm³

Chemical Composition (WT %)

	Min	Max
Cu	1.80	2.70
Li	1.60	2.00
Zn	0.40	1.00
Mg	0.10	0.50
Mn	0.10	0.50
Zr	0.50	0.12
Ti	-	0.10
Fe	-	0.07
Si	-	0.05

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