

# 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/cm<sup>3</sup>

*Chemical Composition (WT %)*

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



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