

2014 ALUMINIUM - AMS 4029

2014 is a copper-based aluminium alloy with very high strength together with excellent machining characteristics and is commonly used in many aerospace structural applications due to its high strength

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2.82g/cm3												
Typical Applications							Related Specifications					
Structural Applications Aerospace Fittings							2014A BS H15 AMS4121					
Chemical Composition (Wt %)												
	Si	Fe	Cu	Zn	Mn	Mg		Ti	Ni	Ti+Z	Others (Each)	Others (Total)
Min	0.50	-	3.90	-	0.40	0.20		-	-	-	-	-
Max	2.10	0.70	5.00	0.25	1.00	0.80		0.15	0.10	0.20	0.05	0.15
Typical Mechanical Properties												
						0.2 Pro	oof	Strenatr	Elongation		Reduction of area	Hardness
Content						370)	415	6 -		-	-
Hardness after Heat Treatment												

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* This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different tumply conditions such as heat treatment or temper and product dimensions.

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General Enquiries

T: +44 (0) 1525 217 556 (tel:+4401525217556)

E: sales@dynamicmetalsltd.com_(mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way Chartwell Business Park Leighton Buzzard Bedfordshire LU7 4FY

T: +44 (0)1525 217 556 (tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside Meadowhall Road Sheffield South Yorkshire S9 1BW

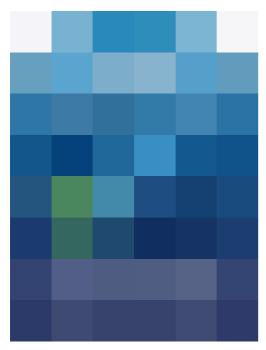
T: +44 (0)1143 030 320 (tel:+4401143030320)

Registered Office (only)

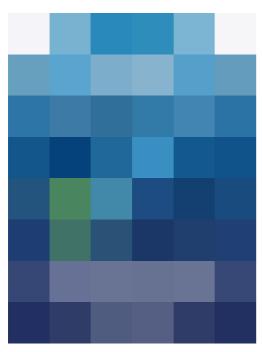
The Granary Crowhill Farm Ravensden Road Wilden Bedfordshire MK44 2QS

T: +44 (0)1525 217 556 (tel:+441525217556)

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