



SANDVIK OSPREY CE17

CONTROLLED EXPANSION

Lightweight, High Strength, High Thermal Conductivity

Al/Si ALLOY

produced by the patented Osprey Process

Fabrication and surface treatment (including plating) techniques comparable to those used for most common aluminum alloys

Available now from ISO9000 approved facilities in prototype to tonnage quantities as custom components or bulk forms: plate, block and rolled strip

TYPICAL PROPERTIES (ANNEALED CONDITION)

	Density g/cc	CTE ppm/deg C 25 – 250 C	Thermal Conductivity W/m K	Elastic Modulus msi	Ultimate Tensile Strength ksi	Yield Strength ksi
CE 17 Al- 27% Si	2.6	17.7	180	13.5	22.6	16.0
Al 6061	2.7	25.2	180	10.1	18.0	8.0
Cu 10100	8.9	17.7	388	17	31.2	7.1

For more information, visit www.ospreymetals.com or contact:

Dr Andrew Ogilvy or Dr Alan Leatham
Sandvik Osprey Ltd
Millands, Neath SA11 1NJ, UK
Tel 44 (0) 1639 634121
Fax 44 (0) 1639 630100
Email cealloys.osprey@sandvik.com

Stu Weinshanker
Advanced Packaging Associates
5671 Beaumont Avenue, La Jolla, Ca 92037 USA
Tel 1-858-454-2149
Fax 1-206-984-4482
Email support@cealloys.com

*CE17 is one of a family of **CE** Alloys produced by Sandvik Osprey*