



## Class 1 Zirconium Copper C1500

RWMA Class 1 Copper  
UNS C15000

Zirconium Copper is used in spot welding electrodes and seam weld wheels. It is particularly useful when welding galvanized materials because of its high thermal conductivity, which prevents sticking

### CHEMICAL COMPOSITION

RWMA CLASS	RWMA NUMBER	DESCRIPTION	FE	W	CD	NI	CO	CR	SI	BE	PB	ZR	AL	CU
1	15000	ZIRCONIUM COPPER										.10- .20		REM

### PHYSICAL PROPERTIES

HARDNESS ROCKWELL	CONDUCTIVITY % I.A.C.S.	YIELD STRENGTH KSI (5% EXT UNDER LOAD)	ULTIMATE TENSILE STRENGTH	ELONGATION % IN 2" OR 4" DIAMETERS
60-65 B	80%	45	60	13%