

Eureka Welding Alloys

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TECHNICAL DATA FOR EUREKA "EVERDUR 1010" TIG RODS

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INTRODUCTION

Eureka Everdur 1010 TIG Rods are drawn, straightened, cut to length, and then cleaned and packaged to obtain microscopically clean weld deposits. These rods are designed for the most critical applications where weld metal cleanliness is most important.

METALLURGICAL CHARACTERISTICS

Eureka Everdur 1010 TIG Rods is an ER CuSi- A silicon bronze filler metal containing 3.5% silicon. The deposits are corrosion resistant and make for a good bearing surface.

RECOMMENDED APPLICATIONS

Eureka Everdur 1010 TIG Rods are silicon bronze alloy that is primarily used for the welding of copper, brass and dissimilar combinations. It has excellent results when used on galvanized and thin sheet metal.

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RECOMMENDED SHIELDING GASES

100% Argon

GAS FLOW RATE

20-40 CFH

TYPICAL CHEMISTRY

Sn	Zn	Si	Mn	Fe
1 Max	1 Max	3.5	1.5 Max	.5 Max

PHYSICAL AND OR MECHANICAL PROPERTIES

TENSILE STRENGTH 58,000 psi

YIELD STRENGTH 25,000 psi

ELONGATION 54%

MELTING POINT 1866F