

Specifications: AWS A5.12/ASME  
SFA 5.312 EWZr-8

**Tungsten Electrode**

**0.8% Zirconiated (WHITE) EWZr-8 (principle oxide: 0.8% Zirconium oxide).** Is most commonly used for AC welding because it balls up well in AC welding. It has more stable arc compared to EWP or Pure Tungsten. Its current carrying capability is equal to or greater than 2% thoriated tungsten electrodes. Under NO circumstances is Zirconiated recommended for DC welding. In AC welding, especially under high load current, 0.3% Zirconiated tungsten electrodes can not be replaced by any other tungsten electrode.

**Chemical Composition (Wt%): N/a**

0.8% Zirconiated (WHITE) EWZr-8 (principle oxide: 0.8% Zirconium oxide).

Is most commonly used for AC welding because it balls up well in AC welding.

It has more stable arc compared to EWP or Pure Tungsten. Its current carrying capability is equal to or greater than 2% thoriated tungsten electrode

Under NO circumstances is Zirconiated recommended for DC welding.

In AC welding, especially under high load current, 0.3%

Zirconiated tungsten electrodes can not be replaced by any other tungsten electrode.

Note: Single values are maximum unless otherwise noted.

**Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.**

**CAUTION:** Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.