

TECHNICAL SHEET

Thoriated tungsten Electrodes (Red)

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000000

Classification

WT20

AWS A5.12M: EWTh-2

Color sign: Red

Chemical Composition: %

Tungsten: Balance

Thorium Oxide: 1.8-2.2%

Description and Applications

Thoriated tungsten is a red color-coded electrode with a principal oxide of 1.8-2.2% thorium oxide. This has long been one of the universal go-to options for any metal and strength for DC compatibility.

Thoriated tungsten has a stable arc and easy start up. It lasts a long time and provides a steady weld. It can handle medium to high amperage as well as low amperage but it also has a tendency to spit a bit when welding.

Thoriated tungsten can work with a variety of metals, including challenging metals like aluminum, nickel alloys, steels, copper, and more. In some industries, this has been the standard multi-purpose TIG welding tungsten to have on hand at all times.

Availability

Diameter: 1.0-12mm

Length: 50mm, 75mm, 150mm, 175mm and any length requested from customer.

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