

TECHNICAL SHEET

Lanthanated Tungsten Electrodes (Black)

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000000

Classification

WL10

AWS classification: EWLa-1

Color sign: Black

Chemical Composition: %

Tungsten: Balance

Lanthanum Oxide: 0.8 - 1.2%

Description and Applications

Adding 0.80 ~ 1.20% lanthanum oxide into tungsten can be called as WL10 lanthanated tungsten electrode. Content of lanthanum oxide of lanthanated tungsten electrode is less but the tungsten content is the greatest, which can brilliantly resist thermal shock, even in excess of the current load it can be maintained working at a longer period. Its electrode tip color is black.

Although WL10 lanthanum tungsten electrode only contains 1% lanthanum oxide, but it can improve the effect of welding to a certain extent. It has 98.4% tungsten, which cannot easily be oxidized and wore. Its color is black electrode.

Availability

Diameter: 1.0-12mm

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

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