

MT-06 Welding Electrode

The MT-06 welding electrode is designed for welding low carbon steel. It provides a deep penetrating, forceful arc, making it suitable for use in all welding positions, including overhead and vertical.



ADDITIONAL IMAGES

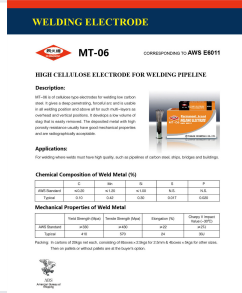


Product Overview

High-Performance Cellulose Electrode

The MT-06 is a high-quality cellulose-type welding electrode specifically engineered for welding low carbon steel. It features a deep-penetrating, forceful arc that ensures consistent performance across all welding positions, including vertical and overhead applications. Designed for multi-layer welding, it produces minimal, easily removable slag and offers excellent mechanical properties, making it an ideal choice for critical infrastructure projects.

Technical Specifications



Technical data sheet detailing chemical composition, mechanical properties, and welding applications.

Chemical Composition

Element	Typical Value (%)
Carbon (C)	0.1
Manganese (Mn)	0.42
Silicon (Si)	0.3
Sulfur (S)	0.017
Phosphorus (P)	0.02

Mechanical Properties

410 MPa
Yield Strength

570 MPa
Tensile Strength

24 %
Elongation

30 J
Impact Value (-30°C)

AWS Standard

E6011

Application & Performance

Suitable Applications

- Carbon steel pipelines
- Shipbuilding
- Bridge construction
- Building structures

Welding Positions

All positions, Overhead, Vertical

Logistics & Packaging

Box Configuration

- 8 boxes x 2.5kg (for 2.5mm electrodes)
- 4 boxes x 5kg (for other sizes)

Standard Packing

20kg net cartons