Hydrogen Controlled Electrodes | Kobe LB52-18

Key Facts

- Excellent arc stability
- Higher deposition rates than an E7016
- Suitable for high tensile steels
- Tough weld metal

Description

Iron powder, low hydrogen type electrode for mild steel and 490N/mm^2 high tensile strength steel. Excellent x-ray soundness and mechanical properties. Smooth arc, neat bead appearance and easy slag removal.

Classifications, Approvals & Conformances

ASME/**AWS A5.1 E7018**
EN499 E423B
JIS Z3212 D5016

Welding Positions

All positions

Applications

For use with heavy structures, rolling stock and heavy machinery.

- Structural steel
- Earth moving equipment
- Pipe welding
- Pressure vessels

Typical Analysis/Composition

C	Si	Mn	P	S
0.05 – 0.10	<0.75	<1.60	< 0.020	< 0.02

Typical Weld Mechanical Properties

0.2% Proof Stress	Tensile Strength	Elongation
> 350N/mm^2	> 460N/mm^2	> 22%

Packaging & Ordering Information

Size	Weight	Part Number
2.6mm	5kg	100061
3.2mm	5kg	100062
4.0mm	5kg	100063