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

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.