Hydrogen Controlled Electrodes | Kobe LB-52U

Key Facts

- Excellent arc stability
- Designed for single sided "butt" joint root run
- Suitable for high tensile steels
- Tough weld metal

Description

Low hydrogen type, covered electrode for mild steel and 490N/mm^2 high tensile strength steel. Good arc stability, slag removability and smooth weld beads.

Classifications

ASME/**AWS A5.1 E7016**
EN499 E422B
JIS Z3211 D4316

Welding Positions

All positions excluding vertical down

Applications

Designed specifically for root runs on one side welding of pipes and general structures.

- Structural steel
- Pipe "butt welds"
- Pressure vessels
- Rural maintenance and fabrication

Typical Analysis/Composition

C – Carbon	Si – Silicon	Mn - Manganese	P - Phosphorus	S - Sulphur
0.05 – 0.10	<0.75	<1.60	< 0.020	< 0.02

Typical Weld Mechanical Properties

0.2% Proof Stress	Tensile Strength	Elongation
> 400N/mm^2	> 480N/mm^2	> 22%

Packaging & Ordering Information

Size	Weight	Part Number
2.6mm	5kg	100053
3.2mm	5kg	100054
4.0mm	5kg	100055

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.