

# NB-500 NAHAVI Welding Electrode

## 1. Classifications:

AWS A5.1-E6013; JIS Z 3211-D4313; TCVN 3223-E432  
Approved by Vietnam Register and Lloyd's Register

## 2. Diameter and welding current (AC&DC):

Diameter(mm)		Φ 2.5	Φ 3.2	Φ 4.0	Φ 5.0
Welding electrode's length (mm)		350	350	400	400
Welding current	F , FW	50 ÷ 90	90 ÷ 140	140 ÷ 190	170 ÷ 240
	VU, H, OH	50 ÷ 70	70 ÷ 120	120 ÷ 170	150 ÷ 220

Note: F (Flat) , FW (Fillet Weld), VU (Vertical Upward), H (Horizontal); OH (Overhead).

## 3. Mechanical properties of the weld metal:

Yield strength (N/mm <sup>2</sup> )	Tensile strength (N/mm <sup>2</sup> )	Elongation (%)	Impact value (J/ 0°C)
≥ 420	≥ 500	≥ 24	≥ 47

## 4. Chemical composition of the weld metal :

%C	%Si	%Mn	%S	%P
≤ 0.09	≤ 0.35	≥ 0.40	≤ 0.03	≤ 0.03

## 5. Applications and Usage instructions:



NB-500 welding electrode is the high-quality product with advantages of less smoke, stable arc, less spark, and easy-to-remove slag. The weldment has good appearance. This welding electrode is suitable for all welding positions.

Suitable for welding structure of the low carbon or alloy steel with thickness ≤30mm, such as steel plate, building structure, machinery, bridge and road, pressure tank, ship building,...

### Importer:



富億機械五金（馬）有限公司  
FUYI MACHINERY & HARDWARE SDN. BHD.

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