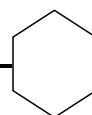




# MICRO™

# MICRO-EXCEL

## MILD STEEL GENERAL PURPOSE ELECTRODE



**CLASSIFICATION : AWS A/ SFA 5.1**

**IS 814**

**APPROVALS :**

E 6013

ER 4211X

BIS

### KEY FEATURES :

- Rutile type medium coated
- Operates at low OCV
- X-ray quality weld deposit
- Vertical down welding capability
- Suitable for major structural work

### TYPICAL APPLICATIONS :

- General fabrication in steel plants
- Light construction work
- Shipbuilding, Pipes
- Storage tanks, Furniture work
- Automobile bodies
- Joining steel grade IS 2062, 226

### CHEMICAL COMPOSITION %

	<b>C</b>	<b>Mn</b>	<b>Si</b>	<b>S</b>	<b>P</b>
Typical	0.1	0.4	0.3	0.02	0.02
Specification	0.12 max	0.25-0.55	0.12-0.35	0.03 max.	0.03 max.

### ALL WELD MECHANICAL PROPERTIES

	<b>Condition</b>	<b>UTS, MPa</b>	<b>YS at 0.2% offset, MPa</b>	<b>EL%</b>	<b>CVN Impact at 0°C, J</b>
Typical	As Welded	520	440	24	57
Specification		450-540	370-480	22-28	50 min

### PARAMETERS - PACKING DATA :

<b>Size(mm)</b>	<b>Amperage,A</b>	<b>Wt./Carton, Kg</b>	<b>Cartons/Box</b>	<b>Net wt./Box, Kg</b>
5.00 X 450MM	180-240	3.50	8	28
4.00 X 450MM	120-190	3.50	8	28
3.15 X 350MM	90-135	2.50	8	20
2.50 X 350MM	80-100	2.250	8	18

Website: [www.microweldindia.com](http://www.microweldindia.com)

**MICRO WELD (INDIA)**

Email: [info@microweldindia.com](mailto:info@microweldindia.com)