

BCM Galaxy

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| A medium-coated, general-purpose, rutile-based mild steel electrode for manual metal arc welding | Classification AWS-E6013 IS 814 : 2004 Class - ER4211X |
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A general-purpose mild steel electrode with a rutile coating, the BCM Galaxy runs on low OCV in any position. Excellent running characteristics, minimum spatter, quick slag detachability, and medium penetration are all features of the BCM Galaxy. The radiography-quality weld deposit has good mechanical qualities.

TYPICAL ALL - WELD METAL PROPERTIES

| Chemical Composition (%) | Mechanical Properties |
|---|--|
| C-0.10 Max. Mn- 0.35-0.55, Si - 0.30 Max S- 0.03 Max, P-0.03 Max | UTS- 410-540 N/mm ² Min, YS- 330 N/mm ² Min, Elongation (L=5d) - 22%Min, Impact (CVN) at 0°C-47(J Min |

TYPICAL APPLICATIONS

Applications including sheet metal fabrication, chimneys, construction engineering jobs, truck and bus bodies, steel storage tanks, steel structures and frames are among those where BCM Galaxy is advised.

CURRENT RANGE & PACKING DATA

| Size(mm) | Length(mm) | Current (amps) | No. of Electrodes is a carton | No. of Electrodes in a packet |
|----------|------------|----------------|-------------------------------|-------------------------------|
| 5.00 | 440 | 180 - 220 | 420 | 35 |
| 4.00 | 440 | 140 - 170 | 660 | 55 |
| 3.15 | 440 | 90 - 120 | 1020 | 85 |
| 3.15 | 350 | 90 - 120 | 1020 | 85 |
| 2.50 | 350 | 70 - 90 | 1140 | 95 |

PACKING: Electrodes are packed in packets and twelve of these packets are shrink wrapped in a carton box.