

Repair & Maintenance Products

SME G20



 **SENOR[®]**
One Stop Solution for Welding & Brazing Consumables

SME G20

Electrodes for MMAW Process

Hard Facing

Alloy:

Ni, Cr, Mn

Characteristics :

SME G20 is a wear resistant surfacing electrode with chromium carbide. It gives deposits, Which are glossy and shining. Maximum abrasion resistance up to 650°C



Technical Data :

Hardness (as deposited): 58-63 HRC

Applications :

1. Building up machine parts such as sinter fan blades, sinter screens, conveyer, scrapper blades blast furnaces cones, digger teeth and hoppers, extruder screws, and bucket teeth.
2. Mining applications

Welding Current: AC / DC(+)

Size (Ø mm)/Length	:	3.2 x 350	4.0 x 350	5.0 x 350
Current (amps)	:	90 – 115	110 – 135	140 – 180

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 / 450 mm length

Packing: 5 kg.

Note on Usage:

1. Clean the area by wire brush.
2. Follow the recommended welding parameters to achieve good deposit.
3. Hold short arc and deposit holding the electrode at 90° to minimize dilution

Above are basic guidelines and will vary depending on joint design, number of passes and other factors.

Protect yourself and others. Read and understand this warning. Do not remove this warning.

⚠WARNING Ⓢ

Fumes and Gases can be hazardous to your health

- Before use, read and understand the Material Safety Data Sheet (MSDS), the manufacturer's instructions, and your employer's safety practices.
- If MSDS is not enclosed. Obtain from your employer.
- Keep your head out of the fumes. See Section 5 of the MSDS for specific fume concentration limits.
- Use enough Ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone and the general area. If needed, use a proper respirator.
- No hazards exist before this product is used in arc welding.

Electric Shock can kill

- Always wear dry insulating gloves
- Insulate yourself from work and ground.
- Do not touch live electrical parts.

ARC Rays can injure eyes and burn skin

- Wear welding helmet with correct filter.
- Wear correct eye, ear, and body protection.

Welding can cause fire or explosion

- Do not weld near flammable material.
- Watch for fire, keep, extinguisher nearby.

Read American National Standards Z49.1, "Safety In Welding, Cutting and Allied Process." from American Welding Society.