

GEMET 3200N

IDENTIFICATION

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DESCRIPTION

Hardfacing electrode for metal to metal wear application.

Hardfacing parts subject to metal-to-metal wear and intense abrasion upto 500°C with moderate shock likely to be absorbed elastically. Weld deposit is hard & wear resistant.

ALLOY BASIS : Cr, Mn, Ni, C

WELD METAL ANALYSIS (RANGE) %

Cr	Mn	Ni
26 - 30	1.40 - 2.8	1.8 - 4.0

TYPICAL APPLICATIONS

- Conveyor screws, mixer blades & scrapers
- Coal pulverizers
- Hoppers, Sand pumps
- Bucket edges
- Cement die-rings, plough shears

WELDING CURRENT: AC / DC (+)

HARDNESS OF THE WELD DEPOSIT: 55 - 62

RC IMPACT RESISTANCE: Good

ABRASION RESISTANCE: Excellent

MACHINABILITY: Non - machinable

PACKING PARAMETERS

Size (mm)	Length (mm)	Current Condition AC / DC (+) Amps	Packing / Packet (kg)	Packing / Box (kg)
3.15 / 3.20	350	100 - 150	2	2 x 5 = 10
4	350	140 - 190	2	2 x 5 = 10
5	350	190 - 240	2	2 x 5 = 10