



MAXBOND

MILD STEEL GENERAL PURPOSE (MSGP)



General Purpose Mild Steel Electrode for Structural and Repair Work

CLASSIFICATION : ISO 2560-A

APPROVALS :

E38 Z R 1 1

ABS/BV/DNV/IRS

KEY FEATURES :

- Rutile coated electrode
- Quick freezing slag
- All position type
- Additionally can be operated on DCEP
- Ideal for poor fit up
- Usable on rusty plates
- For general fabrication and repair work

WELDING POSITION :



AC (50 OCV min.)/ DCEN

TYPICAL APPLICATIONS :

- Truck bodies, Storage tanks
- Construction equipment
- Light gauge work
- Steel furniture, Machinery
- Foundry equipment, Barges
- Tacking work, Small parts repair

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt % :

	C	Mn	Si	S	P
Typical	0.09	0.5	0.2	0.02	0.02
Specification	0.2 max	1.2 max	1.0 max	-	-

MECHANICAL PROPERTIES OF ALL WELD METAL :

	Condition	UTS, MPa	YS at 0.2% offset, MPa	EL%	CVN Impact at 27°C, J
Typical	As Welded	500	430	26	68
Specification		430 min.	330 min.	17 min	47 min.

PARAMETERS - PACKING DATA :

Ø x L, mm	Amperage, A	Wt./Carton, Kg	Carton/Box	Net wt./Box, Kg
2.5 x 350	55-95	5	4	20
3.15 x 450	95-125	5	4	20
4.0 x 450	125-175	5	4	20
5.0 x 450	165-260	5	4	20