

# MAXBOND

AWS A/SFA 5.1 **E6012**

MILD STEEL GENERAL PURPOSE (MSGP)

## CLASSIFICATION:

ISO 2560-A  
E38 Z R 1 1

## KEY FEATURES:

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

**APPROVALS:** CE

## TYPICAL APPLICATIONS:

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


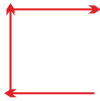
## TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si
0.09	0.5	0.2

## 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	560	430	26	68
Specification		430 min	330 min	17 min	47 min

## PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A		All Positions, Except Vertical Down:
2.5 x 350	55-95	 AC (50 OCV min.) / DCEN	
3.15 x 450	95-125		
4.0 x 450	125-175		
5.0 x 450	165-260		

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kgs each.