

# GM 600HB

## HARD FACING SOLID WIRE

### IDENTIFICATION

GM 600HB

### CLASSIFICATION

DIN 8555: MSG 6 GZ-60

### DESCRIPTION

- Copper coated solid wire for hardfacing application by GMAW process.
- Deposited weld metals has high resistance against corrosion, abrasion and impact deformation.
- The wire is universal wire and finds many applications in the industries.

### CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	Cr	Fe
0.46 max	0.40 max	2.75 max	8.80 max	Balance

### ALL WELD MECHANICAL PROPERTIES

**HARDNESS** : 58 - 60 HRC (Approx)

**MICROSTRUCTURE** : Ferrite and martensitic.

### TYPICAL APPLICATIONS

Quarries, Mines, Steel works, Cement works, Crushing plants, Wood industries, Tile industries, Agriculture machinery, Transport rolles, Sand Pumps.

### WELDING PARAMETERS AND PACKING PARAMETERS

Wire Dia (mm)	Welding Parameters		Shielding Gas	Weight / Spool (kg)
	Current (Amps)	Voltage (V)		
1.2	150 - 220	26 - 28	80% Ar + 20% CO2	15