

GFC 600HB



HARD FACING FLUX CORED WIRE

CHARACTERISTICS :

Flux cored wire for hardfacing application by GMAW process.

Deposited weld metals has high resistance against corrosion, abrasion and impact deformation.

The wire is universal and finds many applications in the industries.

CHEMICAL COMPOSITION OF THE WIRE (TYPICAL)

C	Mn	Si	Cr	Mo
0.40	0.48	2.95	7.4	0.40

TYPICAL USES:

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

ALL WELD MECHANICAL PROPERTIES:

Hardness - 600 HRC Approx.

MICROSTRUCTURE

Microstructure of the weld metal : Ferrite and martensitic.

WELDING PARAMETERS AND PACKING SPECIFICATION

Wire Dia (mm)	Welding Parameters		Shielding Gas	Weight of Spool Kg.
	Current DC (+) (Amps)	Voltage		
1.20	150-300	23-29	80% Ar + 20% CO2 OR 100% CO2	15.0

