

ROYALFIL GS 700

Applications

Suitable for surfacing of crane wheels , conveyer buckets, crush hammer & blower blades etc.

Characteristics on Usage

A high carbon & high chrome fluxcored wire with CO2 gas shielding depositing weld metal having excellent resistance of abrasion friction and moderate impact.

Welding Positions



Recommended Stick Out

15-20 mm

Shielding Gas

Carbon Dioxide (CO2) Shielding
Gas flow : 20-25 Lit/Min

FLUX CORED WIRE : HARDFACING

Chemical Composition Of Weld Metal

C%	Mn%	Si%	S%	P%	Cr%
0.45	1.00	3.00	0.010	0.010	7.00

Mechanical Properties Of Weld Metal

HARDNESS Hv	HRC
610-750	56 - 62

Composition and hardness depend upon dilution. Single layer deposit hardness depend upon base metal and/or buildup material.

Packing and Welding Current

SIZE (mm)	Flat & Horizontal (A)	Flat & Horizontal (V)
1.20	170-180	24-26
1.60	210-220	25-27

Packing

15 kgs. vacuum packed plastic spool