Hardfacing and Wear Resistant SMAW Electrode

HARDMANG 3

Product Features:

- Work hardening type covered electrodes for austenite manganese steel.
- High toughness weld metal to get fast hardening on high impact work condition.
- Welding of Mn steel to carbon steels.

Applications:

 Suitable for repair welding of coned mining crusher, hammering crusher, impactor bars, rail frogs and crossings.

Typical chemical composition of all-weld metal(wt%)						
С	Si	Mn	Cr	Ni		
0.33	0.37	14.33	15.34	0.67		

Typical hardness of weld metal					
As welded HRC	After work hardening HRC				
21	46				

Size (mm) & recommended welding parameters (A)						
Diameter / Length	3.2/350	4.0/350	4.8/350			
Flat position	100~150	150~200	170~230			

Note:

- 300~350°C x 1 hr baking prior to use.

