

VALIANT

VALIANTHARD-III

Valianthard-III is a basic coated DC(+) electrode producing an air hardening weld metal which has excellent resistance to abrasion or heavy impact or both together. The welds are non machinable and are ideally suited for applications involving severe abrasion and impact.

CHEMICAL COMPOSITION

C	Mn	Si	Cr
0.50	0.60	0.55	1.20

MECHANICAL PROPERTIES

TYPICAL WELD METAL HARDNESS
52-60RC

WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	5.00 X 450	200-250
	4.00 X 450	150-180
	3.15 X 450	100-130
	2.50 X 350	65-90

APPLICATION

Typical applications include dredger bucket lips, plough shares, excavator teeth, conveyor bucket etc.

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