Maxflux SAF-WB36

Agglomerated basic flux for welding of 1% Ni-0.5%Mo Steel

CODIFICATION: **AWS: SFA5.23 /** F9A2EG-G

CHARACTERISTICS: Maxflux SAF WB36 is an agglomerated submerged arc welding flux. The weld metal displays excellent crack resistance and produce sound weld metal possessing excellent strength combines with good impact properties at sub-zero temperature. Slag detachability is good & deposited weld metal is of radiographic quality.

APPLICATIONS: Maxflux SAF WB36 is suitable for both single & multilayer welding application for high strength construction steel. It is mainly used for standard carbon steels ASTM A335 P36 & their equivalent grades.

ALL WELD ANALYSIS, WT. %.

With Autotherme Grade-WB36	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
	0.080	1.1	0.42	0.012	0.028	0.18	1.1	0.35	0.76

All Weld Mechanical Property (As weld condition)

With Autotherme Grade WB36	UTS (MPa)	0.2%YS (MPa)	%El. (L=4d)	Impact CVN (J) -29°C
	680	580	20	50

BASICITY INDEX : ~1.7

GRAIN SIZE : 0.3-1.6mm

PACKING : 25 Kg poly-lined paper bag

RE-DRYING CONDITIONS : 300 – 350°C for 2 hours

An ISO 9001: 2008 certified company

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JUN 2017 (Rev.: 03)