S-800WT

Flux Properties

Class. JIS Z 3352 SA FB1
EN ISO 14174-S A FB 1
Current AC, DC +
Density 1.1g/cm^3
BI 2.7
Grain Size 10 x 48 Mesh

Features

- Outstanding multi weldability for thick steel plates
- Wind towers

Wire Approvals

Wire	Approvals	AWS	EN ISO 14174 / 14171
M-12K	CWB, CE, DB, TUV	A5.17 F7A8-EM12K	S A FB 1 / S 42 5 FB S2Si

Typical Chemical Composition of All-Weld Metal (wt%)

Wire	C	Si	Mn	P	S
M-12K	0.09	0.25	1.50	0.025	0.005

Typical Mechanical Properties of All-Weld Metal

Wire	Condition	YS MPa(ksi)	TS MPa(ksi)	EL (%)	Temp °C (°F)	Impact ISO-V J (ft·lbs)
M-12K	DC+, As-welded	490(71)	570(83)	29	-60(-75)	100(74)

Wire Diameter & Packaging

Packaging
Tin Can 20kg (44lbs) PE Bag 20kg (44lbs)