S-707T

Flux Properties

Class. JIS Z 3352 S A AB1
EN ISO 14174 S A AB 1
Current AC, DC +
Density 1.2g/cm^3
BI 1.8
Grain Size 10 x 48 Mesh

Features

- Outstanding weldability for two-run welding
- Shipbuilding panel line

Wire Approvals

Wire	Approvals	AWS	EN ISO 14174 / 14171
H-14	BV, DNV, KR, LR, NK, RINA, RS, CE	A5.17 F7A(P)6-EH14	S A AB 1 / A-S4

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

Wire	C	Si	Mn	P	S
H-14	0.07	0.34	1.64	0.023	0.015

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)
H-14	DC+, As-welded	490(71)	560(81)	30	-50(-60)	100(74)
	DC+, 620°C×1hr	440(64)	550(80)	35	-50(-60)	100(74)

Wire Diameter & Packaging

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