

SUPERFLUX 209

Flux Properties

- Class.

JIS Z 3352 S A AF2

EN ISO 14174-S A AF 2
- Current

AC, DC +
- Density

1.0g/cm³
- BI

1.8
- Grain Size

10 x 48 Mesh

Features

- Outstanding weldability, good slag removal
- Duplex type stainless steel

Wire Approvals

Wire	Approvals	EN ISO 14174 / 14171
YS-2209	ABS, CCS, DNV, KR, NK	S A AF 2 / S 22 9 3 L N

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

Wire	C	Si	Mn	P	S	Ni	Cr	Mo	N
YS-2209	0.010	0.7	1.2	0.02	0.01	8.2	21.9	3.1	0.12

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)
YS-2209	DC+, As-welded	590(85)	780(113)	31	-50(-60)	50(38)

Wire Diameter & Packaging

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

SMW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux