

Supershield 71-T8

Classification

AWS AWS A5.20/ ASME SFA-5.20 E71T-8
EN ISO 17632-A T42 3 Y NO 2 H10

Welding Positions



Features

- Self-shielded flux cored wire for all position welding
- Good impact value at low temperature
- Meets AWS D1.8 seismic requirements

Polarity

DC-

Application Areas

- Structural fabrication
- Steel industry
- AWS D1.8 Seismic requirements

Shielding Gas

None

Approvals

CWB	CE
✓	✓

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

Shielding Gas	C	Si	Mn	P	S	Al
None	0.16	0.17	0.65	0.010	0.010	0.5

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft · lbs)
None	452 (66)	571 (83)	31	-30 (-20)	54 (40)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.6 (1/16)	200~260	Spool 12.5kg (28lbs) Coil 25kg (55lbs)
1.8 (0.072)	230~290	
2.0 (5/64)	240~300	

SMW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux