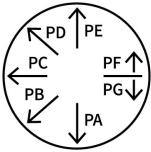


Supershield 71GS

Classification

AWS AWS A5.20/ ASME SFA-5.20 E71T-GS
JIS Z 3313 T49 T14-1 N S
EN ISO 17632-A T42 Z Z V NO 1

Welding Positions



Features

- Self-shielded flux cored wire for all position welding
- Single pass welding of thin plate

Polarity

DC-

Application Areas

- Light fabrication
- Short weld assembly
- Machinery

Shielding Gas

None

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

Shielding Gas	C	Si	Mn	P	S	Al
None	0.25	0.38	0.89	0.010	0.010	2.0

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Condition	Tensile Strength MPa(ksi)
None	Transverse Tensile Strength (AWS A5.20, Test for Single-Pass Electrode)	582 (84)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.2 (0.045)	160~220	Spool 5kg(11lbs), 15kg(33lbs) Coil 25kg (55lbs)

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux