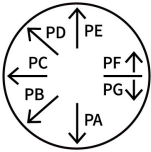


Supercored 110

Classification

AWS AWS A5.29 / ASME SFA-5.29 E111T1-GC H4
EN ISO 18276-A T69 4 ZMn2.5NiMo P C11

Welding Positions



Features

- Designed for welding with 100% CO2 shielding gas
- High strength steel(HT-80)

Polarity

DC +

Application Areas

- Shipbuilding
- Offshore structure
- Structural fabrication

Shielding Gas

100% CO2

Approvals

ABS	DNV	KR	CE
✓	✓	✓	✓

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

Shielding Gas	C	Si	Mn	P	S	Ni	Mo
100% CO2	0.06	0.35	1.55	0.010	0.010	2.20	0.50

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)
100% CO2	780 (113)	830 (120)	20	-40 (-40)	60 (44)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.2 (0.045)	110~280	Spool 5kg (11lbs), 12.5kg (28lbs), 15kg (33lbs), 20kg (44lbs) Drum 100kg (221lbs), 200kg (441lbs), 250kg (551lbs)

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux