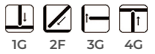
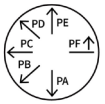
SMT-5356

Classification

AWS A5.10/ ASME SFA-5.10 ER5356
JIS Z 3232 A5356-WY
EN ISO 18273 S Al 5356 (AlMg5Cr(A))

Welding Positions





Features

- ER5356 is about 5% Magnesium Aluminum filler metal which has high strength, high corrosion resistance, and matches the color well with the parent metal after anodizing
- Shipbuilding, automobile, railway
- Excellent feedability by controlling impurities

Polarity

DC + (PULSE)

Application Areas

- Used for welding casting Al-Mg alloys with maximum 5% Magnesium and parts of wrought alloy of 5000 series, 6000 and 7000 series.

Shielding Gas

Ar

Approvals

CE	DB
✓	✓

Typical Chemical Composition of the Wire (wt%)

Si	Mn	Cu	Cr	Ti	Al	Fe
0.07	0.11	0.005	0.11	0.08	Rem	0.14

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Tensile Strength MPa(ksi)	Elongation (%)
Ar	274 (40)	60

GTAW

TIG Rod

