CF SG 2

Standards

TS EN ISO 14341-A	: G 42 3 M21/C1 3Si1
EN ISO 14341-A	: G 42 3 M21/C1 3Si1
AWS A5.18	: ER 70 S-6

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn
0.07	0.86	1.46

Mechanical Properties

Yield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Impact Strength (ISO-V/-30°C)	Elongation ($(L_o=5d_o)$ (%)
min. 420	500 - 640	min. 47 J	min. 22

For SG2 CF ; there is no copper coating.

Typical Base Material Grades

- E295, E335, S235J2G3, P235T1-P355T1, P235T2-P355T2, L210NB-L415NB, L290MB-L360MB, P235G1TH, P255G1TH, P235GH-P355GH, S235JRS1-S235J4S, S315G1S-S355G3S, S255N-S380N, P255NH-P355NH, GE200-GE260

Features and Applications

- Steel construction and machinery production.
- Welding of ships, boiler tanks, pipe parts.
- Welding of thin walled steels.
- Thin sheet welding in automotive industry.
- Perfect smooth feedability, perfect welding characteristics.
- Shielding Gas : EN ISO 14175 – M20, M21, M24, M26, C1

Welding Positions

Current Type

MAG D.C.(+)

Operating Data

Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type BS/D 300
0.8	0.030””	15	D 200
1.0	0.040”	15	D 100
1.2	0.047”	15	ECO PACK
1.6	0.062” (0,6,0.9, 1.14,1.4)	15 (1,5,15,18,50,250,400)	BIG PACK

Approvals: CE