Standards

TS EN ISO 14341-A	: G3Si 1
TS EN ISO 636-A	: W3Si1
EN ISO 14341-A	: G3Si 1
EN ISO 636-A	: W3Si 1
AWS A5.18	: ER 70 S-6

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn
0.08	0.85	1.45

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

Typical Base Material Grades

- E295, E335, S235J2G3-S355J2G3, 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 gases: MAG; Ar+CO_2 mix gases, TIG ; % 100 Ar gas can be used
- It can be used at operating temperatures of 350°C-400°C.

Welding Positions

Current Type

TIG D.C.(-) / MAG D.C.(+)

Operating Data

Product Code		Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
BS 300	D 300				BS/D 300
3010200449	3010200523	0.8	0.030""	15	D 200
3010200451	3010200525	1.0	0.040"	15	D 100
3010200453	3010200527	1.2	0.047"	15	ECO PACK
3010200454	3010200529	1.6 (0,6,0.9, 1.14,1.4)	0.062"	15 (1,5,15,18,50,250,400)	BIG PACK
3010300156		1,60 x 1000	1 / 16 x 39"	5	Carton Box
3010300157		2,00 x 1000	5/64 x 39"	5	
3010300158		2,40 x 1000	3/32 x 39"	5	
3010300159		3,20 x 1000	1/8 x 39"	5	
3010300160		4,00 x 1000	5/32 x 39"	5	
3010300161		5,00 x 1000	3/16 x 39	5	

Approvals: SG2[M24]: BV, DNV-GL, TL, DB, ABS, LR, RS, RINA, NK, SEPRO, TÜV
SG2 [CO_2]: TSE, CE, DB **SG2 [TIG]:** BV, ABS, CE, DB, DNV-GL