

HYUNDAI WELDING

ELECTRODO AL CARBONO

S-7018 N

- Es un electrodo de polvo de hierro de bajo hidrógeno de alta eficiencia utilizado para soldar acero de alta resistencia a la tracción de 490MPa (73,000 lbs/in2).

ELECTRODO AL CARBONO S-7018 N

Propiedades:	Recubrimiento básico - Bajo hidrógeno. Alta resistencia.
Uso en:	Puentes, edificios, material rodante.
Marca:	Hyundai
Corriente:	AC o DC
Certificación:	KR, ABS, LR, BV, DNV, GL, NK, CWB

ASSUM
Tus Metas con las Nuestras

FORMATO	CÓDIGO	EMPAQUE
E7018 3/32"	37HYD70181	5 Kg
E7018 1/8"	37HYD70182	5 Kg
E7018 5/32"	37HYD70183	5 Kg

S-7018.G

TYPE : Basic

AWS A5.1 / ASME SFA5.1 E7018
JIS Z3211 E4918
EN ISO 2560-A - E42 3 B 3 2

Applications

S-7018.G can be used for highly efficient-welding of 490MPa(73,000lbs/in²) class high tensile steel, such as bridges, buildings, rolling stock and machines.

Characteristics on Usage

S-7018.G is an iron powder low hydrogen type electrode of high efficiency used for welding 490MPa(73,000lbs/in²) class high tensile steel.

Notes on Usage

① Dry the electrodes at 300~350℃(572~662℉) for 60 minutes before use.
② Keep the arc as short as possible.
③ Use wind screen against strong wind.

Welding Position



1G (PA) 2F (PB) 3G (PF) 4G (PE)

Current

AC or DC +

Typical Chemical Composition of All-Weld Metal (%)

C	Si	Mn	P	S
0.06	0.50	1.20	0.017	0.011

Typical Mechanical Properties of All-Weld Metal

YS MPa(lbs/in²)	TS MPa(lbs/in²)	EL (%)	Temp. ℃ (℉)	CVN-Impact Value J (ft · lbs)
504 (73,200)	572 (83,100)	29.8	-30 (-22)	111 (82)

ASSUM
Tus Metas son las Nuestras

Approval

KR, ABS, LR, BV, DNV, GL, NK, NAKS

I Packing

Packet 5 kg (11 lbs)
Carton 5 kg (11 lbs) × 4 : 20kg(44 lbs)

Sizes Available and Recommended Currents (Amp.)

Size mm (in)	2.6 (3/32)	3.2 (1/8)	4.0 (5/32)	5.0 (3/16)	6.0 (15/64)
Length mm(in)	350 (14)	350 (14)	400 (16)	400 (16)	450(18)
	-	400 (16)	450 (18)	450 (18)	
F	60~90	90~140	130~190	180~240	250~300
V-up, OH	50~80	80~120	120~170	150~200	-