

K-7010G

AWS E7010-G

FOR HIGH TENSILE
STRENGTH STEEL

Typical applications

Welding of Pressure pipes, general light structural steels, agricultural machinery.

Coating

High cellulose sodium type.

Characteristics on Usage

- ① This electrode is characterized by deeply penetrating, forceful, spray type arc.
- ② Readily removable, thin friable slag
- ③ This electrode is capable of welding in the vertical position with either uphill or downhill progression
- ④ The electrode has been designed for use with DCEP.(Reverse polarity)

Typical chemical composition of all-weld-metal (%)

C	Si	Mn	Ni	Mo
0.10	0.56	0.87	0.36	0.30

Typical mechanical properties of all-weld-metal

Y · P N/mm ² {kgf/mm ² }	T · S N/mm ² {kgf/mm ² }	El (%)	Charpy V-notch J {kgf · m} (-29°C)
470 {48}	570 {58}	27	40 {4}

Sizes available and recommended currents (DC ⊕)

Dia. (mm)	2.6	3.2	4.0	5.0
Length (mm)	350	350	350	350
Amp.	F	50~80	70~110	110~150
	V&OH	40~70	60~110	90~130

Welding positions



Approved by