

GeKa®

ELIT R 110

## Standards :

TS EN ISO 2560-A	:	E 42 0 RR 33
EN ISO 2560-A	:	E 42 0 RR 33
AWS A5.1	:	E 7014

Chemical Composition of Weld Metal-  
% (Typical) :

C	Si	Mn
0.07	0.4	0.6

## Mechanical Properties :

Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Impact Strength (ISO-V/0°C)	Elongation (L <sub>0</sub> =5d <sub>0</sub> )(%)
min. 420	520-600	min. 47 J	min. 22

## Typical Base Material Grades :

\* S 235JR, S275JR, S235J2G3-S355J2G3, P235 GH, P265 GH, P255NH, S235JRS1-S235J2S1, S235JRS2-S235J2S2

## Features and Applications :

- \* Usability in welding at all positions
- \* Resistance to high current
- \* Soft and stable welding
- \* Spatter formation in low amounts
- \* Welding efficiency of about 110%

## Welding Positions :



## Current Type :

D.C.(-)  
A.C.

## Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Welding Current (A)	Weight g /100 pcs
3.20 x 350	1/8 x 14"	120 - 160	3550
4.00 x 450	5/32 x 18"	150 - 220	7600
5.00 x 450	3/16 x 18"	180 - 280	11500

## Approvals :

TSE, CE