GeKa

ELCOR R 71

Standards :

TS EN ISO 17632-A	:	T 42 4 P C 1 H5
EN ISO 17632-A	:	T 42 4 P C 1 H5
AWS A5.20	:	E 71 T-1C-J

Chemical Composition of Weld Metal- % (Typical) :

C	Si	Mn	P	S
0.06	0.5	1.3	0.015	0.015

Mechanical Properties :

Heat Treatment	Yield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Impact Strength (ISO-V/-40°C)	Elongation ($L_o=5d_o$)(%)
AW	min. 420	500 - 640	min. 50 J	min. 22

AW : as welded

Typical Base Material Grades :

* S235JR, S275JR, S235J2G3-S355J2G3, P 235T1-P355T1, P235T2-P355T2, L210NB-L360NB, L290MB-L360MB, P235G1TH, P255G1TH, P235GH-P355GH, P295GH, S235JRS1-S235J4S, S315G1S-S355G3S, S255N-S380N, S255NL-S355NL,GE200-GE260

Features and Applications :

* Rutile-type flux-cored wire which is used for the production welding of machine and welding applications on ship, industry vehicle building and steel constructions in all positions.
* Provides high mechanical properties, proper, smooth, X-ray safety seams.
* It is economical as it has high melting ability and can work under high current in all positions.
* Shielding gas : %100 CO_2.

Welding Positions :

Current Type :

FCAW D.C.(+)

Operating Data :

Diameter (mm)	Diameter (inch)	Weight (Kg)	Package Type
1.20	0.047”	5	D 300
1.20	0.047”	15	C 300
1.60	0.062”	15	

Approvals :

ELCOR R71 (CO_2) : TL, GL, DNV, BV, ABS, LR, RS, DB
NK, RINA, CWB, CE, GOST-R, SEPRO, HAKC(1.20mm)