



Power Alloy E8018-G

Low Alloy and Chrome - Moly Steel Welding Electrode

CLASSIFICATION : A5.5 : E8018-G

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt % :

C	Mn	Si	S	P	Ni
0.10 max	1.85 max	0.48 max	0.03 max	0.03 max	0.45-0.80

MECHANICAL PROPERTIES OF ALL WELD METAL :

UTS, Mpa	YS, Mpa	EL %	Impact (J)	Welding Condition
560-650	460-570	24 min	≥ 40 at -50° C	DC+ ; AC

KEY FEATURES :

- Basic coated electrode
- Ultra smooth finely rippled bead
- Ni-Mn type low alloy steel weld

APPLICATIONS :

- Pressure vessels, boilers
- Bridges, Heavy structures
- Joining steels, storage tanks, pipes

L-Zee Electrode