



Thunderstorm[®]
POWER ON

Premium Welding Consumables



Power Alloy 18-1

Low Alloy and Chrome-Moly Steel Welding Electrode

CLASSIFICATION : A 5.1 :
E7018-1

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt % :

C	Mn	Si	S	P
0.09 max	1.60 max	0.45 max	0.03 max	0.03 max

MECHANICAL PROPERTIES OF ALL WELD METAL :

UTS, Mpa	YS, Mpa	EL %	Impact (J)	Welding Condition
520-640	450-540	24 min	30 min at -45° C	DC+ ; AC

KEY FEATURES :

- Basic type iron powder electrode
- Ultra smooth finely rippled weld beads
- All position capability including vertical down position

APPLICATIONS :

- Boilers, Bridges
- Storage tanks, Pressure vessels
- Heavy structures subject to dynamic loading and mechanical restraint

L-Zee Electrode

An ISO 9001 : 2008 Certified Company