



BLUESHIELD™ NUCLEARC™ LA 7018

Low-Hydrogen Electrode

STANDARDS

CSA W48-01-M/W48-06, Class E4918-1-H4
AWS A5.1, Class E7018-1

DESCRIPTION & APPLICATIONS

- The BLUESHIELD™ NUCLEARC™ LA 7018 electrodes are basic electrodes used in the fabrication of nuclear power plant components that have to meet specific rigid requirements.
- The high standards of fabrication of the BLUESHIELD™ LA 7018 electrodes are rendered more demanding and stringent for each lot of BLUESHIELD™ NUCLEARC™ electrodes supplied.
- Fabrication of nuclear power plant components.

THE *BLUESHIELD*™ ADVANTAGE

- They are certified to each customer's requirements i.e. mechanical properties, thermal treatment, chemical analysis, etc.

TYPICAL WELDING PARAMETERS

- As per each certificate supplied with each lot.

TYPICAL CHEMISTRY

C	Cr	Ni	Mo	P	S	Mn	Si	Nb	Ta	V	Cu	Ti
As per each certificate supplied with each lot.												

TYPICAL MECHANICAL ROPERTIES

- As per each certificate supplied with each lot.

PACKAGING

Diameter		Length		Packaging		Stock Number
mm	in	mm	in	kg	lb	
2.5	$\frac{3}{32}$	300	12	4 X 2.5	4 X 5.5	BLU-32979006
3.2	$\frac{1}{8}$	350	14	4 X 5	4 X 11	BLU-32979008
4.0	$\frac{5}{32}$	350	14	4 X 5	4 X 11	BLU-32979010
5.0	$\frac{3}{16}$	450	18	4 X 5	4 X 11	BLU-32979012