

WELDSKILL 316L

PRODUCT DATA SHEET



E316L-16 TYPE STAINLESS STEEL ELECTRODE

45
OCV

AC
DC+

WELDSKILL WELDING ELECTRODES & WELDING WIRES

WELDSKILL 316L

- E316L-16 type stainless steel electrode.
- Designed for fillet & butt welding in all positions except vertical-down.
- Produces low spatter levels as well as smooth running.
- For the welding of matching 316 and 316L stainless steel grades.
- Pack in resealable plastic tubes.

CLASSIFICATIONS:

ISO AS/NZS 4854:	ES316L-16
AWS A5.4:	E316L-16

TYPICAL MECHANICAL PROPERTIES:

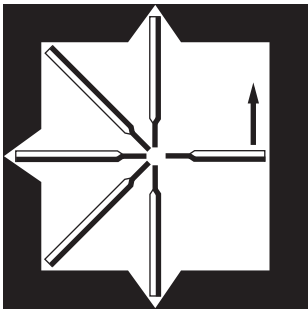
Yield Stress	490 MPa
Tensile Strength	620 MPa
Elongation	40%
CVN Impact Values	35 J av @ -196°C

TYPICAL ALL WELD METAL ANALYSIS:

C:	0.03%
Cr:	19.5%
Mn:	0.8%
Ni:	11.5%
Si:	0.85%
Mo:	2.5%

WELDING POSITIONS:

All positional - except vertical down.



PACKAGING & OPERATING DATA:

AC (minimum 45 O.C.V.), DC+ or DC- polarity.

ELECTRODE SIZE (MM)	ELECTRODE LENGTH (MM)	APPROX NO. RODS/KG	CURRENT RANGE (AMPS)	PACK SIZE	CARTON	PART NO.
2.5	300	52	45-90	1.7kg	10.2kg - 6 x 1.7kg	WES316225N
3.2	350	27	60-125	2kg	12kg - 6 x 2kg	WES316232N

