

TAURUS PRO INOX 680(E312) STAINLESS STEEL ELECTRODES

Description

TAURUS PRO INOX 680 is a rutile, austenitic-ferritic coated electrode with 25-30 % ferrite content. The weld metal is extremely crack resistant and lends itself admirably to the welding of dissimilar and difficult-to-weld steels. It can be used for the welding of high-nickel alloys without becoming fully austenitic due to nickel pickup.

WELDING POSITIONS

- Flat
- Horizontal
- Vertical up
- Overhead

CLASSIFICATIONS

- AWS A5.4 E 312L-16
- ISO 3581 E 29 9 R 26
- DIN 8556 E 29 9 R 26

AVAILABLE IN

- 2.6mm – 1kg pack
- 3.2mm – 1kg pack
- 4.0mm – 1kg pack

COMPOSITION	%
Carbon	0.10 %
Manganese	1.00 %
Silicon	0.90 %
Nickel	10.00 %
Chromium	29.00 %

MECHANICAL	AS WELDED
0.2% Proof stress	550 N/mm²
Tensile strength	750 N/mm²

Elongation (5xd)	23 %
Impact strength ISO-V@+20°C	70 Joule
Ferrite level	35 %

Product Category

1. Consumables
2. Electrodes
3. Stainless Steel

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