Key Facts

- Medium coated Cellulose, electrode for welding in all positions including vertical-down on both AC/DC current
- Flexibility
- Less experienced welder will find this product easier to use.

Description

A rutile type electrode with easy starting characteristics. Recommended for the less experienced welder as it is so easy to use due to a self releasing slag and regularity of the deposit. Welding positions include flat horizontal, vertical up and overhead.

Classification

AWS A5.1: E6012

Welding Positions

Flat, horizontal, vertical-up, and overhead.

Markings & Identification

End tip Colour: Brown
End side Colour: White
Printing: E 6012

Applications

These electrodes can be used for all general welding of structural steel, wrought iron, gates, galvanised steel and thinner sections.



Typical All Weld Metal Analysis

C - Carbon	Mn - Manganese	Si - Silicon
0.070%	0.300%	0.100%

Typical All Weld Metal Mechanical Properties

Yield Strength:	410 MPa
Tensile Strength:	455 MPa
Elongation (5xD):	25%
Reduction of Area:	60%
Impact Strengths ISO-V	100J @ +20°C 60J @ 0°C 50J @ -20°C

Packaging & Ordering Information

Size	Packet	Ctn	Current Range	Part Number
1.6mm	2kg	20kg	40-55	1000116
2.0mm	2kg	20kg	45-60	100011
2.6mm	2kg	20kg	70-95	100012
3.2mm	5kg	20kg	100-130	100013
4.0mm	5kg	20kg	150-180	100014

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.