

PRODUCT DATA SHEET

Trimark Metalloy 110



Trimark Metalloy 110 is a gas shielded metal cored wire designed for use in semi-automatic applications requiring high strength weld deposits, particularly those in which high resistance to cracking and good toughness is a requirement. It is recommended for single and multi-pass welding in the flat and horizontal positions using Fluxshield® as a shielding gas at flow rates of 17-24 l/min.

Trimark Metalloy 110 is recommended for welding quenched and tempered steels such as ROQ-TUF and T1.

Classifications

AWS	A5.29	E110C-G
-----	-------	---------

Chemical Analysis

% Carbon	0,07	% Nickel	2,22
% Manganese	1,63	% Molybdenum	0,59
% Silicon	0,48	% Chromium	0,21

Typical Mechanical Properties (All weld metal PWHT 48 hr @ 104°C)

Yield Stress	753 MPa
Tensile Strength	827 MPa
% Elongation on 50 mm	22
Charpy V-Notch at -51°C	53 J

Packing Data (DC-)

Diameter (mm)	Position	Current		Optimum Settings		Deposition Rates (kg/hr)	Electrode Stick Out (mm)
		Amps (A)	Volts (V)	Amps (A)	Volts (V)		
1,6	Flat/Horizontal	275 - 500	29 - 40	350	30	3,6 - 9,3	20 - 30

Packing Data

Diameter (mm)	Pack Mass (kg)	Item Number
1,6	15,0 (spool)	W081027

The information contained or otherwise referenced herein is presented only as typical without guarantee or warranty, and Afrox expressly disclaims any liability incurred from any reliance therein. No data is to be construed as recommended for any welding condition or technique not controlled by Afrox.

For more information contact the Afrox Customer Service Centre Tel: 0860 02 02 02
E-mail: customer.service@afrox.linde.com Website: www.afrox.com

