

METRODE PRODUCTS LIMITED
HANWORTH LANE, CHERTSEY

SURREY, UK, KT16 9LL

Tel: +44 (0) 1932 566721

Fax: +44 (0) 1932 565168

Email: info@metrode.com

Website: www.metrode.com

CERTIFIED MATERIAL TEST REPORT

THIS PRODUCT HAS BEEN MANUFACTURED
AND SUPPLIED THROUGH A SYSTEM
APPROVED TO ISO 9001 & 2 OR EQUIVALENT



TEST CERTIFICATE NUMBER

175185

INVOICE TO

Euroweld Ltd
255 Rolling Hills Road
Mooresville
NC 28117
USA

DESPATCHED TO

Euroweld Ltd
255 Rolling Hills Road
Mooresville
NC 28117
USA

CUSTOMER ORDER NUMBER

N 03-134

DELIVERY NOTE DOCUMENT NUMBER

DN0096436

QUANTITY (KG)

40.5000

OUR ORDER REFERENCE

SO1777956 / 1

DATE

07/01/04

METRODE WELDING CONSUMABLE

ULTRAMET B316NF 4.0MM

FORM

MMA ELECTRODE

BATCH NUMBER

WO19711

SPECIFICATION

BS EN 1600:1997 E 18 15 3 L B 4 2

Chemical Analysis (Weight %)

Type: BS EN 10204: 3.1.B / ASME SFA-5.01: Sch. H

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	N		
0.02	3.28	0.24	0.009	0.023	18.0	15.4	2.80	0.07	0.11		

Mechanical Tests

Type: BS EN 10204: 2.2

Tensile Tests

Impact Energies

Condition	Test Temperature	Rp0.2% (MPa)	Rm (MPa)	A4 (%)	Z (%)	Temperature (°C)	Impact Energy (J)	Lateral Expansion (mm)
AS-WELDED	ROOM	>420	>600	38	54	-196	>40	

Metrode Products Limited certifies that the above material conforms to the indicated specifications

ASME SFA-5.01: Lot classification: C4

This document is produced electronically and is valid without signature.

IMPORTANT: Any liability arising from either reliance on this certificate, or use of our products, is strictly limited and governed by our conditions of business

Barrie Kyle - Q.A. Manager

Notes:

% Ni includes incidental Co unless otherwise specified

% Nb (Cb) includes incidental Ta unless otherwise specified

Ferrite is given as FN (Ferrite number) and measured on all-weld pad using instrument calibrated against NBS-related secondary standards (See AWS A2.9-97) unless otherwise specified