

QUALITY CERTIFICATE

№ 2403-089 Date: 09.03.2024

Manufacturer: PlasmaTec LLC
18 Pravednykiv svitu str., Vinnytsia, Vinnytsia
region, Vinnytsia district, Ukraine, 21036

Product
Welding electrodes HS-Fe8 TM MONOLITH d 5 mm (3/16"): pack 1 kg (2.2 LB)

Specification/Classification	EN 14700: E Z Fe8
Batch classification according to EN ISO 14344	C5
Lot Number	001

Mechanical properties of weld metal
EN 10204, type 2.2

Index	EN 14700	Typical data
Hardness, HRC	50 - 65	58

Chemical analysis of weld metal, %
EN 10204, type 3.1

Index	Requirements	Actual data
C	max. 2.00	1.04
Cr	max. 20.00	8.29
Mn	max. 3.0	0.78
Mo	max. 5.0	0.001
W	max. 2.0	0.007
V	max. 2.0	0.043
Nb	max. 10.0	0.047
Fe	Balance	86.35
Si+Ti	Other	2.67

Post weld heat treatment - As welded

The product was manufactured and supplied according to a Quality System Program that meets the requirements of ISO 9001. The delivery conditions are in accordance with EN ISO 544.

Head of Technical Control: Andrii Babyn

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Lot Number identification: 001 3.2 XO (example of Lot number), where 001 – actual Lot Number, 3.2 XO - additional information (3.2 - electrode size in mm; X – pressing team, O - packing team)