

QUALITY CERTIFICATE

№ 2512-254 Issued Date: 23.12.2025

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	008

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	1.18
Cr	max. 20.00	8.89
Mn	max. 3.0	1.25
Mo	max. 5.0	0.001
W	max. 2.0	0.007
V	max. 2.0	0.04
Nb	max. 10.0	0.043
Fe	Balance	85.7
Si+Ti	Other	2.21

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

quality@plasmatec.com.ua, +380(67)433-19-36 (Viber, WhatsApp, Telegram)



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)