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Test Certificate No. PK82281

Part Number: Z4-LMn-25E2, E7018 Low Manganese 2.5x350 mm Vacuum pack

Specification: AWS A5.1 E7018 H4
EN ISO: 2560-A E 46 3 B 4 2 H5
Batch: PK82281

Date: 11/09/23.

Packing List: SH232004642
QTY: 13.50 kg

We confirm the following properties for this delivery of welding consumables:

Actual Chemical Composition (wt - %)

C	Mn	Si	P	S	Cr	Ni	Mo	V	תכולת בורון B
%	%	%	%	%	%	%	%	%	%
0.064	0.630	0.385	0.015	0.011	0.154	0.203	0.012	0.049	0.006

Typical Mechanical Properties of All Weld Metal

Test Code	Result	Unit
YIELD POINT	480	N/MM2
TENSILE STRENGTH	570	N/MM2
ELONGATION	26	%
IMPACT TEST TEMP.	-30	C
IMPACT(Charpy V-notch)	100	JOULE

Chemical Composition

Certified material test report as per EN 10204:2004:3.1

Mechanical properties

Certified material test report as per EN 10204:2004:2.2

Gabriel Kirstein
CTO



Sincerely,
Larin Tanya
ZIKA INDUSTRIES LTD.