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Test Certificate No. PK82281

Date: 11/09/23.

Part Number: Z4-LMn-32E2, E7018 Low Manganese 3.25x350 mm Vacuum pack

Packing List: SH232004642
QTY: 13.50 kg

Specification: AWS A5.1 E7018 H4

EN ISO: 2560-A E 46 3 B 4 2 H5

Batch: PK82281

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
%	%	%	%	%	%	%	%	%	%
0.047	0.610	0.346	0.014	0.009	0.159	0.132	0.007	0.029	0.005

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.