



Laboratory External Test Report



Date of Issue: 1403/04/23	Test Report NO.: 026
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Customer Name/Address: Sepehr Varna Alborz, No. 907, 9th Floor, Block A, Hayate Sabz, 4th Tangestan, Aghdasiye Junction, Niavaran, Tehran, Iran.

Name and Identity of the test item: Sample two - 2.60 mm copper wire

The date of receipt of test item: 1403/04/23

Remarks: -

Date of Test : 1403/04/23

Gilrod Shomal laboratory accredited by NACI under registration number NACI/Lab/1752 for ISO/IEC 17025 as test laboratory.

The test and /or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

اطلاعات نمونه برداری و آزمون **Sampling and Testing Information**

Sampling date & time:	Sampling location:	Sampler:	Test performed by:
-	-	-	Dadras

Environmental Conditions

Others:	Atmospheric Pressure:	Relative Humidity:	Temperature:
-	-	42%	21.8 °C

Measurement uncertainty is reported with 95% confidence interval and the coverage factor of k=2.

Parameters specified with * are not included in the scope of accreditation.

Results obtained from the external supplier laboratory are marked with **

- Deviations from the test methods: -

- Test methods specific reporting requirements: -

	 نام و امضای سرپرست آزمایشگاه Lab. Supervisor's Name and Signature:	 نام و امضای مدیر ارشد آزمایشگاه Lab. Top Manager's Name and Signature
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Address: Sefid road Industrial Town, 3th km of Jirdeh Road, Entezam Sq, Rasht, Iran phone NO.: +98 13 32000242

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:(Test Report)

Measurement Uncertainty	Test Method	Test results (Units)	Test Name (parameter)
-	ASTM E2575	260 (PPM)	Oxygen content
-	ASTM B49	-	Diameter
-	ASTM B49	-	Elongation (250 mm)
-	ASTM B193	-	Electrical conductivity
-	ASTM B193	-	Weight Resistivity
-	ASTM B49	-	Total thickness of copper oxide film
-	BS EN 15079	The Following Table	Chemical Composition

:(Results of Chemical Composition)

element	Fe	Pb	Sn	Ni	Sb	Te	Bi	Zn	Mn	P	Si
<X>ppm	8.24	2.82	2	1.39	<2	<1	0.545	1.47	<0.3	<0.5	<3
element	Mg	Cr	As	Cd	Co	Al	S	Be	Se	Ag	%Cu
<X>ppm	<0.5	<0.2	<0.6	0.860	<0.3	<0.2	11.97	<0.02	0.636	2.16	99.99

Interpretations:

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Conformity with requirements or specifications:

-

Disclaimer: Except for Fe, Sn and Sb, the results of chemical analysis of other elements are outside the scope of laboratory activities based on ISO/IEC 17025 standard due to their low concentration.

Definition of Decision Rule:

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results are valid for the sample received.

End of Test Report