



Laboratory External Test Report



Date of Issue: 1403/04/23	Test Report NO.: 025
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Customer Name/Address: Sepehr Varna Alborz, No. 907, 9 th Floor, Block A, Hayate Sabz, 4 th Tangestan, Aghdasiye Junction, Niavaran, Tehran, Iran.			
Name and Identity of the test item: Sample one - 1.38 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.			
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

Address: Sefid rood 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		240 (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	19.65	<0.5	2.44	<1	8.40	<1	<0.4	<0.6	<0.3	<0.5	<3
element	Mg	Cr	As	Cd	Co	Al	S	Be	Se	Ag	%Cu
<x>ppm	<0.5	<0.2	0.957	1.10	<0.3	<0.2	<1	<0.02	1.82	7.93	99.99
Interpretations: -											
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: -											
results are valid for the sample received.											

End of Test Report

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