



中国认可
国际互认
检测
TESTING
CNAS L6069



Report No. TC.20.11.005684

Date of Issue 11/20/2020

Applicant: Mikrotikls SIA

Applicant address: Brivibas gatve 214i, Riga, Latvia

Description of the test subject:

Sample	Description	Photo
001	<p>Sample Description: Testing sample is PCB plastic material RB912R-2nD used in MikroTik RouterBOARD models: RB912R-2nD-LTm, RB912R-2nD-LTm&R11e-LTE, RB912R-2nD-LTm&R11e-4G</p> <p>Sample No.: RB912R-2nD</p> <p>Manufacturer: Mikrotikls SIA</p>	

Receipt Date of Sample: 11/12/2020

Date of Testing: From 11/12/2020 to 11/20/2020

Sample submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			R25		
No.	Items	Test method	HL1	HL2	HL3
1	Glow-wire flammability test	EN 45545-2:2013+A1:2015 EN 60695-2-11:2014	Pass	Pass	Pass

Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested. (3) The test report shall not be reproduced except in full without the written approval of the company. (4) Samples are tested as received.

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Test Results

EN 45545-2:2013+A1:2015 Railway applications-Fire protection on railway vehicles Part2: Requirements for fire behaviour of materials and components

1. EN 60695-2-11:2014 Fire hazard testing – part 2-11: glowing/hot-wire based test methods – glow-wire flammability test method for end-products

1.1 Sample details

Conditioning	Temperature	Relative humidity	Place
	15°C~35°C	45%~75%	24 hours

Application of the glow-wire, ta	30s
glow-wire temp, °C	850

1.2 Test results

Result	1	2	3
ti (s)	--	--	--
te (s)	--	--	--
h (mm)	0	0	0
Ignite the wrapping tissue, (Y/N)	N	N	N

Remark:

ti-from the beginning of tip application up to the time at which the test specimen or the specified layer placed below it ignites;
te- from the beginning of tip application up to the time when flames extinguish during or after the period of application;
h-the maximum height of any flame rounded up to the next 5mm.

Requirement:

Unless otherwise specified in the relevant specification, the test specimen is considered to have passed the glow-wire test if there is no flaming or glowing, or if all of the following situations apply:

- a): if flames or glowing of the test specimen extinguish within 30s after removal of the glow-wire, i.e. $te \leq ta + 30s$; and
- b): when the specified layer of wrapping tissue is used there shall be no ignition of the wrapping tissue

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Requirement EN 45545-2:2013+A1:2015 R25:

Items	Test method	Parameter	HL1	HL2	HL3
Glow-wire flammability test	EN 45545-2:2013+A1:2015 EN 60695-2-11:2014	Glow Wire Temperature °C	850	850	850

Conclusion:

Items	Parameter	Record	HL1	HL2	HL3
Glow-wire flammability test	Glow Wire Temperature °C	850	Pass	Pass	Pass

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use. Test results are just for internal reference.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Drafted by:

Wayne Wang

Approved by:

Shen hui

-End of Report-

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