



Test Report

No. VNHL2210023305EE

Date: November 10, 2022 Page 1 of 3

CONG TY TNHH KY THUAT NEW SUN VIET NAM

SO 28 DUONG 15B, KHU PHO 6, PHUONG PHUOC LONG B, THANH PHO THU DUC, THANH PHO HO CHI MINH, VIET NAM

The following sample was submitted and identified on behalf of the client as below:

SGS Job No : VNHL2210023305EE
Sample Description : POLYAMIDE + UV RESISTANT - CORRUGATED FLEXIBLE CONDUIT LSZH (SPLIT TYPE, ID 29 X OD 34.5)
Project Title : HO CHI MINH CITY URBAN RAILWAY
Construction Project : BEN THANH – SUOI TIEN SECTION (LINE 1)
Sample Receiving Date : OCTOBER 20, 2022
Final confirmed Date : OCTOBER 20, 2022
Testing Period : OCTOBER 21, 2022 TO NOVEMBER 10, 2022
Test Requested : PLEASE REFER TO THE RESULT SUMMARY.
Test Results : PLEASE REFER TO NEXT PAGE(S).
Result Summary :

Test(s) Requested	Result(s)
Halogen Acid Gas Content	See result

Signed for and on behalf of

SGS Vietnam LTD



To Ka Wing

Chemical Lab Manager

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Test result(s):
Sample Description:

Component No.	Description	Material	Color
1	BLACK PLASTIC (POLYAMIDE + UV RESISTANT - CORRUGATED FLEXIBLE CONDUIT LSZH (SPLIT TYPE, ID 29 X OD 34.5))	PLASTIC	BLACK

I. Test conducted

This test was conducted as per IEC 60754-1:2011+AMD1:2019 Test on gases evolved during combustion of materials from cable - Part 1: Determination of the halogen acid gas content.

II. Sample details

Sample description	Corrugated flexible conduit (provided by client)
Color	Black

	Temperature (°C)	Humidity (%)	Duration
Precondition	23±2	50±5	At least 16h

III. Test results

Test No.	Specimen mass (g)	The amount of halogen acid ¹⁾ (mg/g)	Test result (mg/g)
1	0.7222	0.0	C=5
2	0.7108	0.0	

¹⁾ **Remark:** For reasons of accuracy this method is not recommended for use where the amount of halogen acid evolved is less than 5mg/g of the sample taken.

* Record the C=5 when the amount of halogen acid is less than 5mg/g.

Statements:

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 fire hazard of the product in use. The specimen was supplied by the sponsor and SGS-CSTC ANJI Branch was not involved in any selection or sampling procedure.

Remark: These above tests were performed by SGS's China Lab.

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PHOTO OF SUBMITTED SAMPLE FOR TESTING


REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY
*****End of Report*****

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