



YOGI ENTERPRISES

INDRAYANI CORNER, SHOP NO 1,PAP J-154,YOGIRAJ PALACE, NEAR BEHIND QUALITY
CIRCLE,TELCO ROAD, BHOSARI

Pune-411026

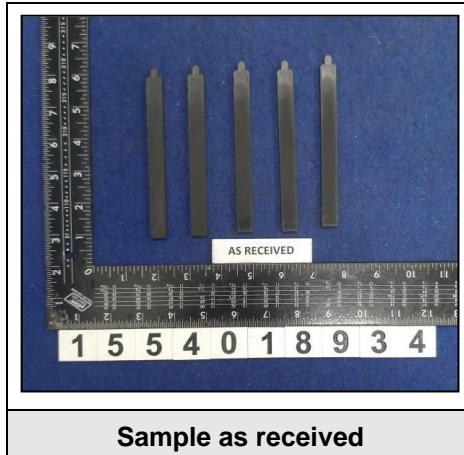
IN

CONTACT PERSON : MR SAGAR VALIYA

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

DISCIPLINE	MECHANICAL
GROUP	PLASTICS AND PLASTIC PRODUCTS
SAMPLE DESCRIPTION	TECOX FR POLYAMIDE PA6 FLEXIBLE CONDUIT PIPE
COLOUR	BLACK
PART NO	FR PIPE
PRODUCTION DATE	25-09-2024
OEM	OTHER
COUNTRY OF ORIGIN	INDIA
DATE OF SAMPLE REGISTRATION	09/10/2024
TEST(S) REQUESTED	FLAMMABILITY TEST

TESTING PERIOD : 01/11/2024 – 08/11/2024



Sample as received

FLAMMABILITY TEST :

UL 94 : 2023, Clause No. 8 (V-2)

JOE No. : 2454803923

Control No.:1554516461

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. *The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.*"

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report .The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.



TC-5825

Test Instrumentation :

Instrument Name	Instrument Make	Date of calibration	Calibration due date
Digital Vernier caliper	Mitutoyo	25/10/2024	25/10/2025
Oven	ANM	07/06/2024	07/06/2025
Digital stopwatch	Racer	24/05/2024	24/05/2025

Test condition :**Conditioning for specimens :**

Condition 1 – Sample preconditioned at $23\pm2^{\circ}\text{C}$ & $50\pm10\%$ RH for 48 hrs.

Condition 2 – Kept the sample at $70 \pm 1^{\circ}\text{C}$ for 168 hrs. Then cool in Desiccator for 4 hrs.at RT

Once removed from the pre-conditioning environment, specimens tested within 30 minutes.

Conditions for cotton :

Cotton conditioned in the desiccator for 24 hours prior to use.

Once removed from the desiccator, the cotton used within 30 minutes.

No. of Specimen(s) :

2 sets of 5 Specimens for condition 1

2 sets of 5 Specimens for condition 2

Classifications

: Materials classified V-0, V-1 or V-2 shall comply with the following requirements

Criteria conditions	V-0	V-1	V-2
After flame time for each individual specimen t ₁ or t ₂	≤10s	≤30s	≤30s
Total after flame time for any condition set (t ₁ plus t ₂ for the 5 specimens)	≤50s	≤250s	≤250s
After flame plus afterglow time for each individual specimen after the second flame application (t ₂ +t ₃)	≤30s	≤60s	≤60s
After flame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

Observation

:

• Condition – 1 : At 23±2°C & 50±10 % RH for 48 hrs.

:

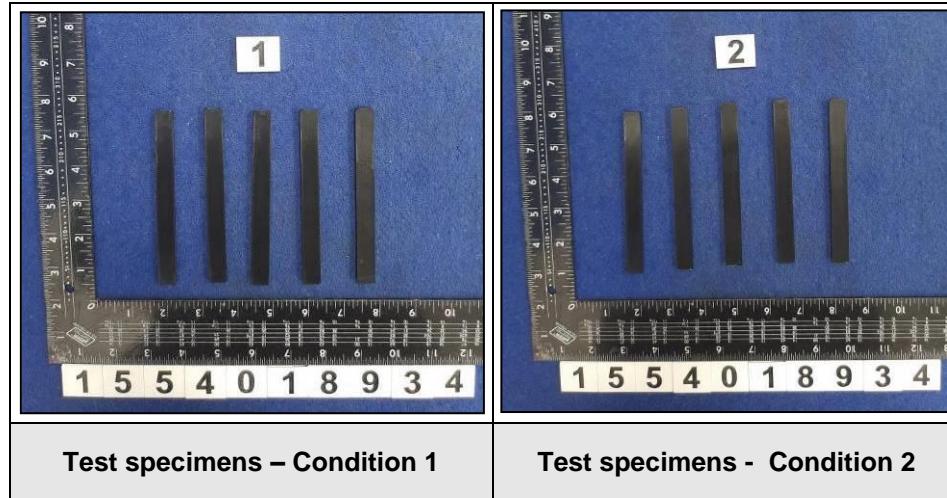
Specimens	1	2	3	4	5
Specimen thickness (mm)	3.20	3.21	3.20	3.20	3.21
After flame time after the first flame application (sec) t ₁	0	0	0	0	0
After flame time after the second flame application (sec) t ₂	4	3	4	3	3
Afterglow time after the second flame application (sec) t ₃	-	-	-	-	-
Total after flame time for any condition set (s) t ₁ + t ₂	17				
After flame plus afterglow time after the second flame application (s) t ₂ +t ₃	4	3	4	3	3
Whether or not specimen burn up to the holding clamp (Yes/No)	No	No	No	No	No
Whether or not the cotton was ignited by flaming particles or drops (Yes/No)	No	No	No	No	No
Classification	Material classified as V-0				



- Condition – 2 : At $70 \pm 1^\circ\text{C}$ for 168 hrs.**

Specimens	1	2	3	4	5
Specimen thickness (mm)	3.21	3.20	3.21	3.20	3.21
After flame time after the first flame application (sec) t_1	0	0	0	0	0
After flame time after the second flame application (sec) t_2	6	5	6	5	6
Afterglow time after the second flame application (sec) t_3	-	-	-	-	-
Total after flame time for any condition set (s) $t_1 + t_2$	28				
After flame plus afterglow time after the second flame application (s) $t_2 + t_3$	6	5	6	5	6
Whether or not specimen burn up to the holding clamp (Yes/No)	No	No	No	No	No
Whether or not the cotton was ignited by flaming particles or drops (Yes/No)	No	No	No	No	No
Classification	Material classified as V-0				

- Test photograph :**





URL-TC582524000019763F

Report No. : PN:TR:1554018934

TEST REPORT

TC-5825

ISSUE DATE : 14/11/2024

Note : Test performed as per the conditions given by the customer.

******* End of Report*********Per pro SGS India Private Ltd.**

Aditya Kumar Subudhi

Manager

Authorized signatoryEmail your Test Report Related Enquiries at Feedback.trp@sgs.com

JOE No. : 2454803923

Control No.:1554516461

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. *The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.*"

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report .The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.

SGS India Pvt Ltd.

Transportation Laboratory, Gat No. : 239/1/3, Village Khalumbre, Tal. Khed, Dist Pune, Chakan – 410501, Maharashtra, India,
Phone: +91 2135 615300, Fax: +91 2135 615333www.sgs.com

Member of the SGS Group (SGS SA)