



URL-TC582524000019763F

## TEST REPORT

Report No. : PN:TR:1554018934

ISSUE DATE : 14/11/2024

## YOGI ENTERPRISES

INDRAYANI CORNER, SHOP NO 1,PAP J-154,YOGIRAJ PALACE, NEAR BEHIND QUALITY  
CIRCLE,TELCO ROAD, BHOSARI  
Pune-411026

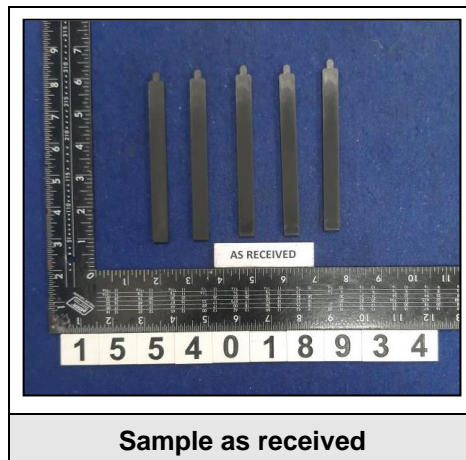
IN

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

**FLAMMBILITY TEST :**

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

JOE No. : 2454803923

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Control No.:1554516461

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**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±2°C & 50±10% RH for 48 hrs.

**Condition 2** – Kept the sample at 70 ± 1°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 $t_2$	$\leq 10s$	$\leq 30s$	$\leq 30s$
Total after flame time for any condition set ( $t_1$ plus $t_2$ for the 5 specimens)	$\leq 50s$	$\leq 250s$	$\leq 250s$
After flame plus afterglow time for each individual specimen after the second flame application ( $t_2+t_3$ )	$\leq 30s$	$\leq 60s$	$\leq 60s$
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  $23 \pm 2^\circ\text{C}$  &  $50 \pm 10\%$  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				

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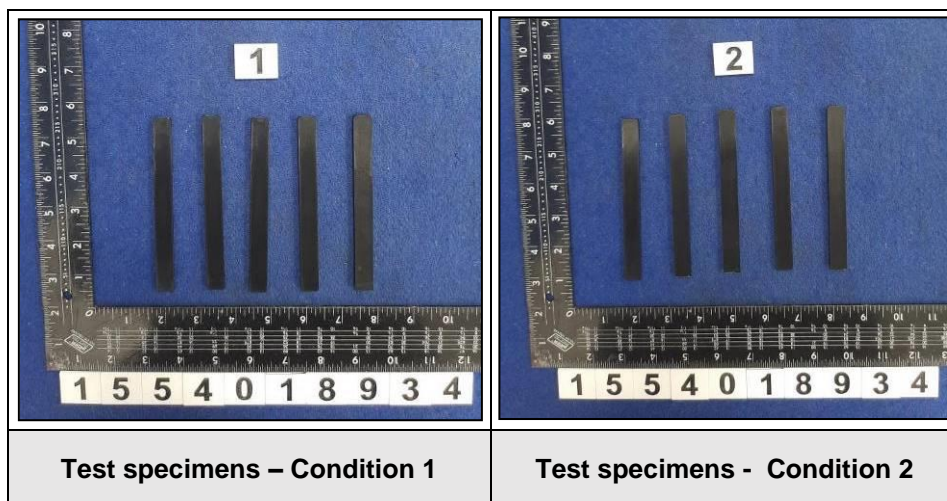
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• **Condition – 2 : At 70±1°C for 168 hrs.** :

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 :**



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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 signatory**

Email your Test Report Related Enquiries at [Feedback.trp@sgs.com](mailto:Feedback.trp@sgs.com)

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