

Tested For: Rat

Rahul Amin

Phone: (6

(610) 252-5800

Received:

7/28/2021

Smooth-On, Inc.

Fax:

Completed:

8/6/2021

Macungie, PA 18062

5600 Lower Macungle Road

Mobile: PO#:

1217LRA

Code: Test Report:

3-44635-0

USA

Emall:

rahul@smooth-on.com

Key Test:

UL 94V

699

Client's Identification:

Product Name: Matrix Dryve.

LE: 2019; V: 07/21 DK

TEST PERFORMED: UL 94: Tests for Flammability of Plastic Materials for Parts in Devices & Appliances, Section 8 - 20mm Vertical Burning Test - 94V-0, 94V-1, 94V-2.

RESULTS:

ΔM

Specimen #	Afterflame (seconds)		Afterglow (seconds)		Afterflame + Afterglow (seconds)		Flaming Reaches Holding Clamp (Yes/No)		Ignites Cotton Beneath Specimen (Yes/No)	
1st Ignition:	ı	AOA	I	AOA	I	AOA	1	AOA	I	AOA
1	0	0	NR	NR	NR	NR	No	No	No	No
2	0	0	NR	NR	NR	NR	No	No	No	No
3	0	0	NR	NR	NR	NR	No	No	No	No
4	0	0	NR	NR	NR	NR	No	No	No	No
5	0	0	NR	NR	NR	NR	No	No	No	No
2 nd Ignition:										
1	0	0	0	0	0	0	No	No	No	No
2	0	0	0	0	0	0	No	No	No	No
3	0	0	0	0	0	0	No	No	No	No
4	0	0	0	0	0	0	No	No	No	No
<u>5</u>	<u>0</u>	<u>0</u>	0	0	0	0	No	No	No	No
Total:	0	0								

THICKNESS OF MATERIAL TESTED: 3.3 mm (maximum 13 mm)

Ver. 2021-03-09 10:35

Page 1 of 3

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3-44635-0

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UL 94V

699

ABBREVIATIONS WHICH MAY BE USED:

Initial Test (48 hours preconditioning). 1

After Oven Aging for 7 days at 158°F ± 2°F (70°C ± 1°C). AOA

Not Required to be recorded. NR

= Not Tested. NT

Product consumed during 1st ignition. C

REMARKS: None.

RETEST PROVISION:

Individual Specimen:

A single retest of 5 specimens is permitted if only 1 specimen fails to meet the Individual

Specimen Criteria.

Total Value:

A single retest of 5 specimens is permitted if the Total Afterflame ranges from 51 to 55

(for V-0), or from 251 to 255 (for V-1 or V-2).

CL	ASSIFICATION CRITERIA:	After 1st Ignition			After 2 nd Ignition			
1.	Individual Specimen Criteria: (either initial or after oven ageing)	94V-0 94V-1 94V-2			94V-0	94V-2		
	a. Maximum Afterflame (seconds):	10	30	30	10	30	30	
	 b. Maximum Afterflame plus Afterglow (seconds): 	NR	NR	NR	30	60	60	
	c. Afterflame or Afterglow Progressing to the Holding Clamp:	NP	NP	NP	NP	NP	NP	
	 d. Ignite Cotton Indicator by Dropping Flaming Particles: 	NP	NP	Р	NP	NP	Р	

2.	Total Value Criteria: (1st & 2nd Ignitions combined)	Initial			After Oven Ageing			
	, and the second	94V-0	94V-1	94V-2	94V-0	94V-1	94V-2	
	Maximum Total Afterflame (seconds):	50	250	250	50	250	250	

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Page 2 of 3

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AUG 0 9 2021 AUTHORIZED SIMPATURE SGS NORTH AMERICA /jab /al

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Page 3 of 3

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