

Tested For: Rahul Amin
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Received: 7/28/2021
Completed: 8/6/2021
Code: J
Test Report: 3-44635-0

Key Test: UL 94V

699

Client's Identification:

Product Name: Matrix Dryve.

LE: 2019; V: 07/21 DK PC: I=48H AOA=7D+4H CODE: I=273 I+AOA=699 /rb /jab

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:

Specimen #	Afterflame (seconds)		Afterglow (seconds)		Afterflame + Afterglow (seconds)		Flaming Reaches Holding Clamp (Yes/No)		Ignites Cotton Beneath Specimen (Yes/No)	
1 st Ignition:	I	AOA	I	AOA	I	AOA	I	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
5	0	0	0	0	0	0	No	No	No	No
Total:	0	0								

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

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ABBREVIATIONS WHICH MAY BE USED:

- I = Initial Test (48 hours preconditioning).
- AOA = After Oven Aging for 7 days at 158°F ± 2°F (70°C ± 1°C).
- NR = Not Required to be recorded.
- NT = Not Tested.
- C = Product consumed during 1st ignition.

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).

CLASSIFICATION CRITERIA:	After 1 st Ignition			After 2 nd Ignition		
	94V-0	94V-1	94V-2	94V-0	94V-1	94V-2
1. Individual Specimen Criteria: (either initial or after oven ageing)						
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	P	NP	NP	P
2. Total Value Criteria: (1 st & 2 nd Ignitions combined)						
	94V-0	94V-1	94V-2	94V-0	94V-1	94V-2
Maximum Total Afterflame (seconds):	50	250	250	50	250	250

AM

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Page 2 of 3

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ABBREVIATIONS USED:

NR = Not Required to be reported after the 1st Ignition.
NP = Not Permitted.
P = Permitted.

CONCLUSION: Based on the above Results and Classification Criteria, the material tested:

- ☒ Receives a 94V-0 classification
- ☐ Receives a 94V-1 classification
- ☐ Receives a 94V-2 classification
- ☐ Fails to receive a classification
- ☐ Retest: Test 5 additional specimens: ☐ Initial; ☐ After Oven Aging
- ☐ Results are inconclusive: _____

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE
SGS NORTH AMERICA

/jab

/al

Bobby Brown

AUG 09 2021

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