

# ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.

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## TEST REPORT

SHEET 1 OF 3

<b>NAME AND ADDRESS OF CUSTOMER</b>		REPORT No.	RP-2223-031201
Midas Rubber and Plastics Products 836/3, Kothari Estate Kothari Char rasta Santej Ahmedabad-382721		DATE OF ISSUE	09-01-2023
		CUSTOMER REF. No.	Letter & Form No.035
		DATED	09-10-2022
		DATE OF SAMPLE RECEIPT	DATE OF TESTING
		14-09-2022	02-01-2023 to 09-01-2023
<b>SAMPLE DESCRIPTION</b> (As Provided by customer) Insulator Silicone Rubber Vulcanized PCS of Rubber Compound Type: Silicone Rubber Grade: EHV & HV02 Make: Midas Silicone		<b>SAMPLE IDENTIFICATION</b>  ERDA Sample Code No.: ERDA-00482641	
<b>Sr. No.</b>	<b>TEST DETAILS</b>	<b>TEST SPECIFICATION</b>	
1.	Flammability	UL 94:2013	
<b>REMARKS:</b> (1) Sample conforms to the requirements as per test specification. (2) Photograph of sample is on SHEET 3 OF 3.			
PREPARED BY 		CHECKED BY 	APPROVED BY  (Sneha Sheth)
Note	1 This report relates only to the particular sample received for testing in good condition at ERDA, Vadodara. 2 This report cannot be reproduced in part under any circumstances. 3 Publication of this report requires prior permission in writing from Director, ERDA. 4 Only the tests asked for by the customer have been carried out. 5 Particulars of manufacturer/supplier, given in this report are based on information supplied by the customer, along with the test request/sample. ERDA does not assume any responsibility for the correctness of the information for above mentioned sample under test (SUT). ERDA will not be responsible for any changes in SUT made after the test. This test report is given as per instrument status while testing. 6 In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has arised.		
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SHEET 2 OF 3

Sr. No.	Particular of tests & Cl. No.	Requirements as per Specification	Obtained value		Remarks					
			Set A	Set B						
1.	Flammability 20 mm vertical burning test Cl.No-8.0 Material classification (V-0) Average of measured Thickness: 5.73mm									
						1) After flame time for each individual specimen $t_1$ or $t_2$ (Reported $t_2$ )	$\leq 10$ s	6 7 8 5 9	7 8 7 6 7	--
						2) Total after flame time for any condition set ( $t_1$ plus $t_2$ ) for the 5 specimens	$\leq 50$ s	47	47	--
						3) After flame plus afterglow time for each individual specimen after the second flame application ( $t_2 + t_3$ )	$\leq 30$ s	6 7 8 5 9	7 8 7 6 7	--
						4) After flame or afterglow of any specimen up to the holding clamp	No	No	No	--
						5) Cotton indicator ignited by flaming particles or drops	No	No	No	--

- Notes: 1) Set A: Five specimens pre conditioned at  $(23 \pm 2)^\circ\text{C}$  and  $(50 \pm 5)\%$  RH for 48 hrs.  
Set B: Five specimens pre conditioned at  $(70 \pm 2)^\circ\text{C}$  for  $168 \pm 2$  hrs. and then cooled to room temperature in the desiccators for 4hrs prior to testing.  
2) LPG is used as flame source.  
3) The sample meets the requirement of UL-94 for classification as 'V-0'.

PREPARED BY

CHECKED BY



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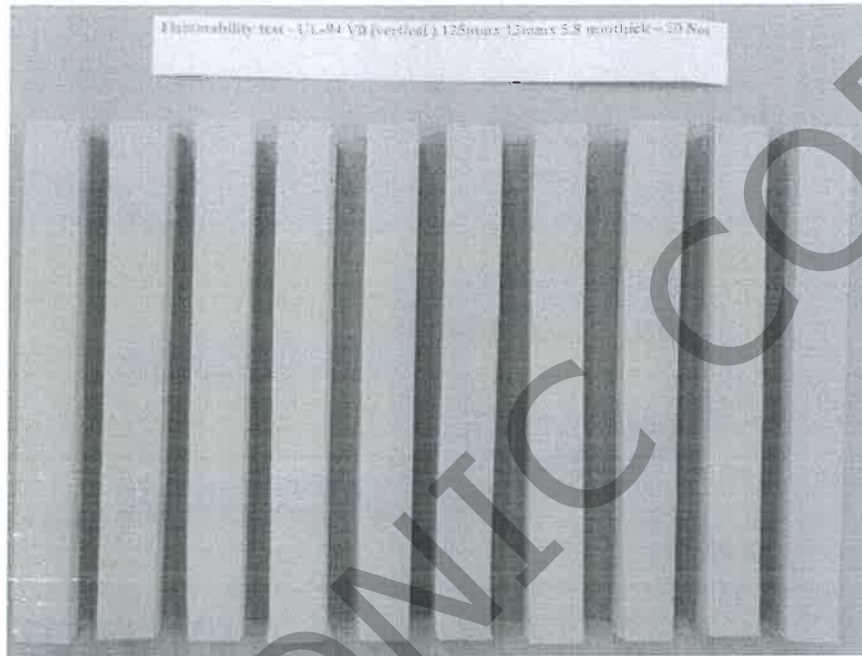
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SHEET 3 OF 3



Photograph of sample in as received condition.

PREPARED BY

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\*\*\*\*\* End of Test Report \*\*\*\*\*



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