

TEST REPORT

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1. Test Report No.	: AML/2012-02/6916A / 556,	21.02.2012
2. OC No.	: 6916	
3. Customer's Name	: RECTICEL INDIA PVT. LTD.	
4. Customer's Address	: Plot No.L-66, MIDC Industrial Area, Taloja, Navi Mumbai-410208	
5. Letter reference and date	: Letter dt. 19/01/2012 and Email dt.06 Feb 2012	
6. Kind Attention	: Mr. Abhijit Diwadkar, General Manager	
7. Service requirements	: Flammability test of material as per UL94-HF1 class	
8. No. of Samples	: 1	
9. No. of pages	: 3	
10. Test Report Compiled By	:	<i>H. L. Khandaskar</i> 21/2 H. L. KHANDASKAR LABORATORY ASSISTANT
11. Test Report Verified By	:	<i>M. A. Bawase</i> 21/2/2012 M. A. BAWASE SR.PROJECT ENGINEER
12. Test Report Approved By	:	<i>S. V. Shete</i> 5/12 S. V. SHETE ASSISTANT DIRECTOR
Place of Issue: PUNE		Date of Issue: 21.02.2012
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<p>This test report pertains only to the components / parts / assemblies / vehicles etc. actually tested at ARAI in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this test report alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by ARAI of the product. No extract, abridgement or abstraction from this test report shall be published or used to advertise the product without the written consent of the Director, ARAI, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. ARAI is in no way responsible for any misuse of copying of any design / type / system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever, the customer shall alone be liable for the same, and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.</p> <p>ARAI will preserve the tested samples for a period of THREE months from the date of issue of the test report. Queries, if any, regarding the sample or the test report, will be entertained / attended to in this stipulated period of three months only</p>		



TEST REPORT

Name of the Customer : RECTICEL INDIA PVT. LTD.
Reference : Letter dt. 19/01/2012 and Email dt.06 Feb 2012
Service requirements : Flammability test of material as per UL94-HF1 class
Identification Code : Recticel Firend TB-70-40mm

1.0 Requirements as per UL 94: Table 1

Requirement as per; Clause 12.1.4 for HBF Class	Requirement as per; Clause 12.1.6 for HF-1 Class	
	Criteria	HF-1 Class Requirement
Materials classified HBF shall a) Not have any specimens with a burning rate exceeding 40 mm per minute over a 100 mm span, or b) Have each specimen cease to burn before flaming or glowing reaches the 125 mm gauge mark.	After flame time	For 4 test pieces out of 5 ≤ 2 seconds. For 1 test piece out of 5 ≤ 10 seconds.
	Afterglow time for each individual specimen	≤ 30 s
	Cotton indicator ignited by flaming particles or drop	No
	Damaged length for each individual specimen	< 60 mm

Note: Two samples having identification code as Sample No. Recticel Firend TB-70-40mm and Recticel Firend TB-50-40mm were received from M/s RECTICEL INDIA PVT. LTD. Vide letter dt. 19/01/2012, tested and report no. AML/ 2012-01/6590/506 dt. 27.01.2012 was issued. Now, this report no. AML/2012-02/6916A/556 dt. 21.02.2012 is being issued as requested by the customer for separate report for each of the above said two samples

Contd. on next page.

1.1 Observation Table:

Flammability Class	Test Parameter	Observations				
		Recticel Firend TB-70-40mm				
		Test Specimen No.				
		1	2	3	4	5
For HBF Class	Whether the specimen reaches the 125 mm gauge mark	No	No	No	No	No
	Calculated Burning Rate mm/minute for span of 100 mm	NA	NA	NA	NA	NA
Remark	Recticel Firend TB-70-40mm meets HBF Class Requirement as per Clause 12.1.4 for HBF Class, as the flaming or glowing does not reach the 125 mm gauge mark.					
For HF-1	After flame time, in seconds	0	0	0	0	0
	Afterglow time for each individual specimen, in seconds	0	0	0	0	0
	Cotton indicator ignited by flaming particles or drop	No	No	No	No	No
	Damaged length for each individual specimen, in mm	10	8	10	10	7
Remark	Recticel Firend TB-70-40mm meets HF-1 Class Requirements as per; Clause 12.1.6 for HF-1 Class.					

Overall Remark: Recticel Firend TB-70-40mm meets HBF class and HF-1 Class Requirement of UL 94.

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21/2

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LABORATORY ASSISTANT

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M. A. Bawase
21/02/12

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SR. PROJECT ENGINEER

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ASSISTANT DIRECTOR