

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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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

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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LABORATORY ASSISTANT

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21/02/12

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ASSISTANT DIRECTOR