




TEST REPORT

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1. Test Report No.	: AML/2012-06/1644 / 118	19.06.2012
2. OC No.	: 1644	
3. Customer's Name	: ALPHA FOAM LTD.	
4. Customer's Address	: J-172 MIDC BHOSARI PUNE-411 026	
5. Customer's Letter reference and date	: E MAIL DT. 06/06/2012	
6. Kind Attention	: Mr. M. D. NAIR	
7. Service requirements	: FLAMMABILITY TEST AS PER UL 94 V1 STANDARD	
8. No. of Sample/s	: 01 No.	
9. No. of Page/s	: 03 Nos.	
10. Test Compiled By	:	
		 V. G. KENJALE SR. CHEMIST
11. Test Report Verified & Approved By	:	 S. V. SHETE ASSIATANT DIRECTOR
Place of Issue: PUNE		Date of Issue: 19.06.2012
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Name of the Customer : ALPHA FOAM LTD.
Service requirements : FLAMMABILITY TEST AS PER UL 94 V1 STANDARD
Sample Identification : ABS Sheet (Thickness 5 mm)

1.0 Test Observations as per clause 8.6.1

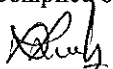
	Description of observation	Observations for ABS Sheet				
		Test Piece No.				
		1	2	3	4	5
a)	Afterflame time after first flame application, seconds, t1	0	0	0	0	0
b)	Afterflame time after second flame application, seconds, t2	1	0	1	0	0
c)	Afterglow time after second flame application, seconds, t3	0	0	0	0	0
d)	Whether or not specimens burn up to the holding clamp	No	No	No	No	No
e)	Whether or not specimens drip flaming particles that ignite the cotton indicator	No	No	No	No	No

2.0 Material Classification as per UL 94 Table 8.1 for V1 Class

Based on set of observations at Clause 1.0 above, the conclusion of the test is drawn

Test Parameter	Criteria conditions for V- 1 Class Material as per Table 8.1	OBSERVATIONS				
		ABS Sheet (Thickness 5 mm)				
		Test piece No.				
		1	2	3	4	5
After flame time for each individual t1 or t2	≤ 30 seconds	For all samples t1 is ≤ 1 seconds. For all samples t2 is ≤ 1 seconds The sample meets the requirements				
Total after flame time for any condition set (t1 + t2) for the 5 specimens, seconds	≤ 250 seconds	2 The sample meets the requirement				
After flame plus afterglow time for each individual specimen after the second flame application (t2 + t3)	≤ 60 seconds	1	0	1	0	0
After flame or afterglow of any specimen up to the holding clamp	No	Specimens do not burn up to the holding clamp The sample meets the requirement				
Cotton indicator ignited by flaming particles or drops	No	Specimens do not drip flaming particles that ignited the cotton indicator The sample meets the requirement				
Conclusion: ABS Sheet (Thickness 5 mm) meets the V1 Class of Flammability as per UL 94						
Refer photographs of test specimen in ANNEXURE - 1						

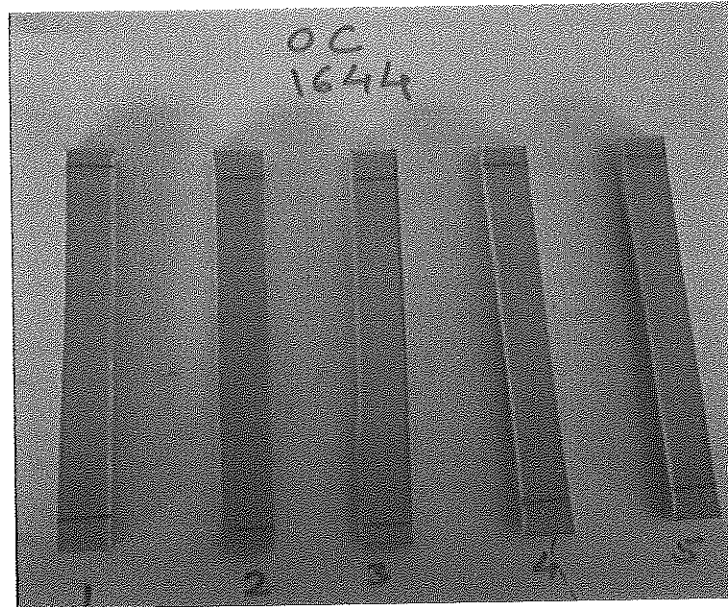
Test Compiled by


V. G. KENJALE
SR. CHEMIST

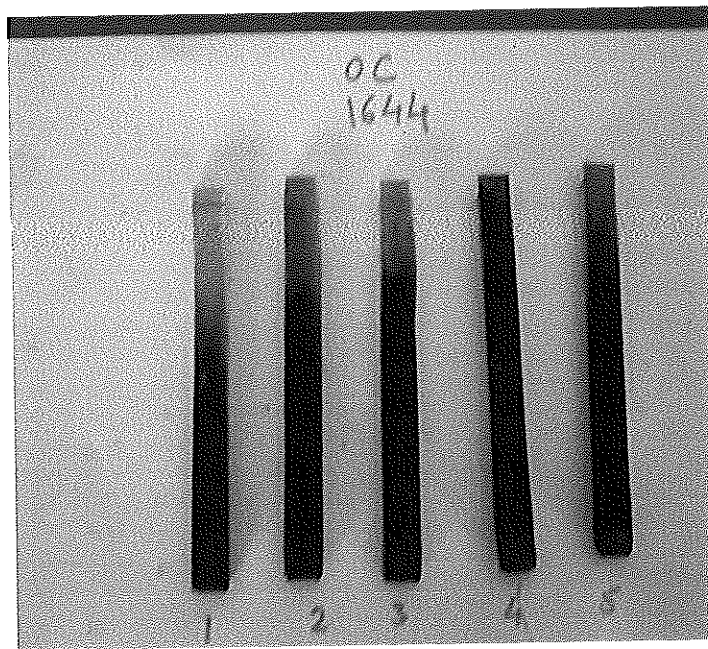
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ASSISTANT DIRECTOR

ANNEXURE -1



Test Specimen before Test



Test Specimen after Test
