



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO : C1/0000181396

Issued To :

Client Code : (MUMB01A1932)
ADORE SOLID SURFACES
1/2/3, VAISHNAVI DHAM, P.K. ROAD,
MULUND [WEST], OP
MUMBAI
MAHARASHTRA-400080
Kind Attn: MR. ANKIT SHAH

Date : 16-07-2019
Job No : 1907-1-141-55
Booking No : RG1920/1/3907
Booking Date : 01-07-2019
Customer Ref No. : -
Customer Ref Dt. : 24-06-2019
ULR NO. : TC544419000012439P



Job No- 1907-1-141-55

ONE SAMPLE DESCRIBED AS-ADORE 100% ACRYLIC SOLID SURFACE, COLOUR- WHITE, STYLE NO- F- 001 ICEBERG, ARTICLE NO./ REF. NO. -ADR20190424367, COMPOSITION- MMA, PMMA, ATH, PIGMENTS, ADDITIVES, WAS RECEIVED.

"THE SAMPLING WAS NOT CARRIED OUT BY SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH. THE SAMPLE DESCRIPTION PROVIDED IN THE TEST CERTIFICATE ARE BASED ON DECLARATION BY THE SPONSOR."

S.No.	Tests	Results	Requirement	Conformity
1	Density, g/cc at 23°C [ASTM D 792-13]	1.83	---	---
2	Water absorption, % [ASTM D 570 -98(2018)]	0.03	---	---
3	Izod Impact Strength, J/m [ASTM D 256-10(2018)]	24.4	---	---
4	Light transmittance, % [ASTM D 1003-13]	0.02	---	---
5	Tensile Strength, Mpa [ASTM D 638-14]	35	---	---
6	Modules of Elasticity [ASTM D 638-14]	1863	---	---
7	Flexural strength, Mpa [ASTM D 790-17]	57	---	---
8	Mass, kg/m ² [Calibrated weighing balance and Vernier Caliper]	10.7	---	---
9	Barcol Hardness [ASTM D 2583-13a]	99	---	---
10	Fire behaviour (UL Flammability) (Vertical Burning Rate)			

AUTHORISED SIGNATORY
EMPLOYEE CODE: (4159)



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- I) For Specimen Conditioned @
23±2°C & 50±5 % RH for 48 hours
- | | | | | |
|---|---|--|---|-----|
| a | Flaming combustion time of any specimen after either application of the test flame, Sec. | | ≤10 | Yes |
| | i) First Application | 2,2,1,3,1 | | |
| | ii) Second Application | 1,2,1,3,2 | | |
| b | Total flaming combustion time after 10 flame applications for each set of five specimens, Sec. | 18 | ≤50 | Yes |
| c | Glowing combustion time of any specimen after the second removal of the test flame, Sec. | 0,0,0,0,0 | ≤30 | Yes |
| d | Flaming or glowing combustion of any specimen upto the holding clamp | No specimen burnt with flaming or glowing combustion up to holding clamp | Not have any specimen that burn with flaming or glowing ombustion up to holding clamp | Yes |
| e | Ignition of dry absorbent surgical cotton indicator below the test specimen by the dripping flaming particles | No specimen ignite cotton indicator by the dripping flaming particles | Not Permitted | Yes |
- II) For Specimen Conditioned @ 70±1°C for 168 hours
- | | | | | |
|---|--|-----------|-----|-----|
| a | Flaming combustion time of any specimen after either application of the test flame, Sec. | | ≤10 | Yes |
| | i) First Application | 2,1,2,3,2 | | |
| | ii) Second Application | 2,3,1,2,2 | | |
| b | Total flaming combustion time after 10 flame applications for each set of five specimens, Sec. | 20 | ≤50 | Yes |

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c	Glowing combustion time of any specimen after the second removal of the test flame, Sec	0,0,0,0,0	≤30	Yes
d	Flaming or glowing combustion of any specimen upto the holding clamp	No specimen burnt with flaming or glowing combustion up to holding clamp	Not have any specimen that burn with flaming or glowing combustion up to holding clamp	Yes
e	Ignition of dry absorbent surgical cotton indicator below the test specimen by the dripping flaming particles	No specimen ignite cotton indicator by the dripping flaming particles	Not Permitted	Yes

Note:- (i) Sample is conformed to Grade V-0 of UL 94 for the Flammability Test at SI No. 10 on the basis of above observations.

(ii) Light transmittance test at SI.No. 4 and Barcol Hardness test at SI.No. 9 are not covered in our NABL scope.

D.O.R : 01.07.2019

D.O.C : 15.07.2019

AUTHORISED SIGNATORY

EMPLOYEE CODE: (1159)