



# THE BOMBAY TEXTILE RESEARCH ASSOCIATION

(Approved Body of the Ministry of Textiles, Govt. of India)

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## BTRA TEST LABORATORIES

### TEST REPORT



Report Details : BTL/TR/2205398/MWO/2/2022 dtd 21/09/2022

ULR No : TC694122000005398P

Customer : Gypotech Systems Private Limited  
C-17, Miraj Apartment, Nr Natubhai Circle Race,  
Course, Vadodara, Gujarat-390007  
IN-

Total Number of Samples in Order :2

Date of performance of test :13/09/2022

To

21/09/2022

Reference : E-Mail Dtd.13.9.2022

Received on : 13/09/2022

Despatched on :

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| SAMPLE NO.  | 2205398/MWO/2                                                     |
| SAMPLE MARK | Groowood - Sample Size 12 mm x 1200 mm x 15 mm (Sample Thickness) |

### TEST: Vertical Flammability test (UL 94)

1) Sample conditioning -

Set A: Temperature  $23 \pm 2^\circ\text{C}$  Humidity  $50 \pm 5\%$  for 48 hrs

Set B Oven: Temperature  $70 \pm 2^\circ\text{C}$  for 168 hrs

| Observations                                                                            | Set A |    |    |     |    | Set B |    |     |     |     |
|-----------------------------------------------------------------------------------------|-------|----|----|-----|----|-------|----|-----|-----|-----|
|                                                                                         | 1     | 2  | 3  | 4   | 5  | 1     | 2  | 3   | 4   | 5   |
| After flame time after 1 <sup>st</sup> flame impingement $t_1$ (s)                      | 0     | 0  | 0  | 0   | 0  | 0     | 0  | 0   | 0   | 0   |
| After flame time after 2 <sup>nd</sup> flame impingement $t_2$ (s)                      | 0     | 0  | 0  | 0   | 0  | 0     | 0  | 0   | 0   | 0   |
| After glow time after 2 <sup>nd</sup> flame impingement $t_3$ (s)                       | 0.2   | 1  | 2  | 0.5 | 2  | 0.5   | 2  | 0.2 | 0.8 | 0.2 |
| After flame time + afterglow time after 2 <sup>nd</sup> flame impingement $t_2+t_3$ (s) | 0     | 0  | 0  | 0   | 0  | 0     | 0  | 0   | 0   | 0   |
| Total flaming time $t_f$ (s) = $(t_{1i} + t_{2i})$ i= 1 to 5                            | 0     | 0  | 0  | 0   | 0  | 0     | 0  | 0   | 0   | 0   |
| Total after flame time for any condition set ( $t_1$ plus $t_2$ for the five specimen)  | 0     |    |    |     |    | 0     |    |     |     |     |
| Whether any of the specimens burn up to the 125 mm mark                                 | NO    | NO | NO | NO  | NO | NO    | NO | NO  | NO  | NO  |
| Whether any of the specimens drip flaming particles which ignite the cotton swatch      | NO    | NO | NO | NO  | NO | NO    | NO | NO  | NO  | NO  |

### RESULTS:

|                    |                          |
|--------------------|--------------------------|
| SAMPLE No:         | Materials Classification |
| 2205398-2-Groowood | V0                       |



Chandrakala Madichetty  
(Authorised Signatory)