

# TEST REPORT

**REPORT NO.:** A2211030009

**ISSUE DATE:** 07.11.2022

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**Applicant** :: Bajaj Elctricals Ltd.

**Address** :: Bajaj AB Square Office, Millenium Business Park, Mahape, Navi Mumbai (400710)

**Contact Person** :: Mr. Atish Patil

**Date of Submission** :: 03.11.2022

**Test Duration** :: 03.11.2022 to 05.11.2022

**Condition of the sample** :: In good physical condition

**Sample Description & Identification** : EPS Thermocol piece 2" x 2" x 1" Density 20

**Test Details** : Compressive Strength Test

**Test Method** : ASTM D 1621: 2016

**OEM** : NA

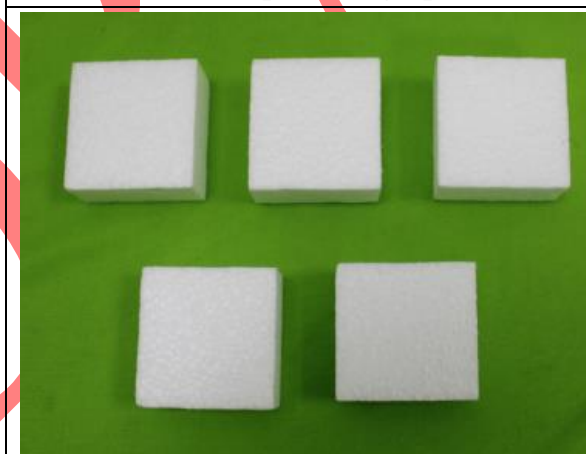
**Country of Origin** : India

**Project Name** : NA

**Sample Color** : NA

**Deviations/Exclusion from method** : NA

**Test Sample Photograph**



**COMPRESSIVE STRENGTH TEST:**

**Equipment Detail:**

Sr. No.	Equipment Name	Equipment No.	Equipment Make	Calibration Due Date
1	UTM	23	Instron	11.07.2023
2	Digital Caliper	01	Mitutoyo	22.06.2023

**Conditioning** : Sample preconditioned at 23±2°C & 50±10% RH for 40 hrs.

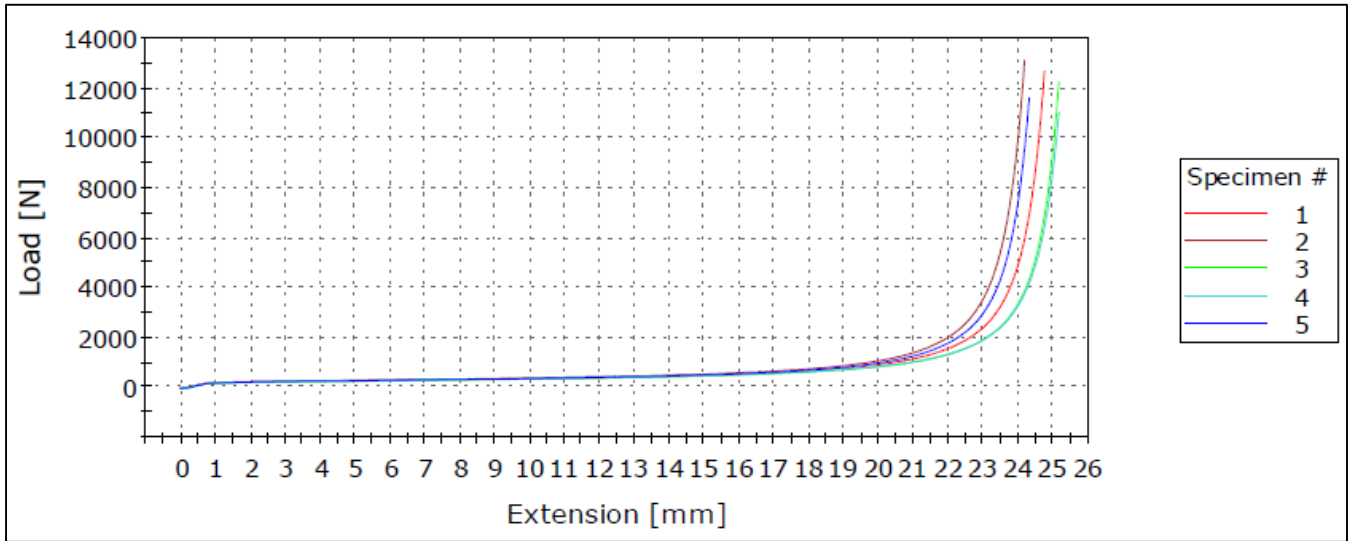
**Test Condition** : Test conducted at 23±2°C & 50±10 % RH.  
Test speed : 2.5 mm/min.  
Deformation : 97%

**No of Sample** : 5 No's.

**Observation** :

Sample No.	Compressive Strength (MPa)	Compressive Modulus (MPa)
1	5.08	693.55
2	5.36	728.00
3	5.04	703.04
4	4.51	590.27
5	4.73	638.59
<b>Avg.</b>	<b>4.94</b>	<b>670.69</b>



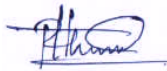


**Test Graph**

- Note** :
1. Test conducted as per conditions given by the customer.
  2. Sample has been provided by the customer and results apply to the sample as received.

*Unless otherwise agreed upon, PASS or FAIL statements are given based on the measured values without any considerations of measurement uncertainties. Measurement uncertainty details are evaluated by the laboratory and are available on request. By taking uncertainty into account it would result in a possible failure where the measured value actually passes or would produce a possible pass where the measured value actually failed.*

**FOR QUALITEK LABS PRIVATE LIMITED**



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