

TEST REPORT

REPORT NO.: A2211030008

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 18

Test Details : Compressive Strength Test

Test Method : ASTM D 1621: 2016

OEM : NA

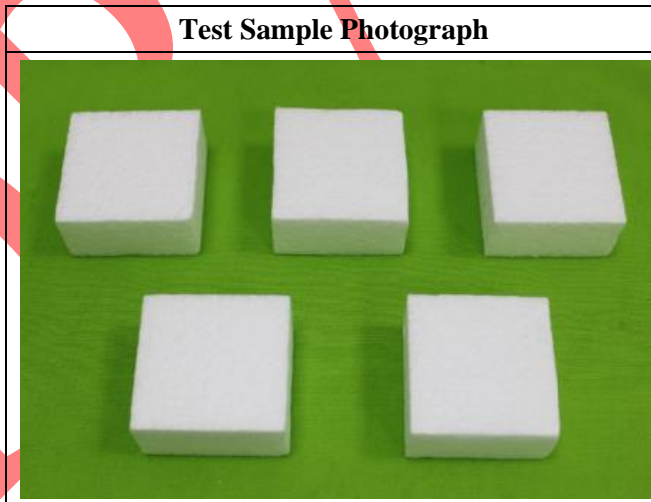
Country of Origin : India

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 $23\pm 2^{\circ}\text{C}$ & $50\pm 10\%$ RH for 40 hrs.

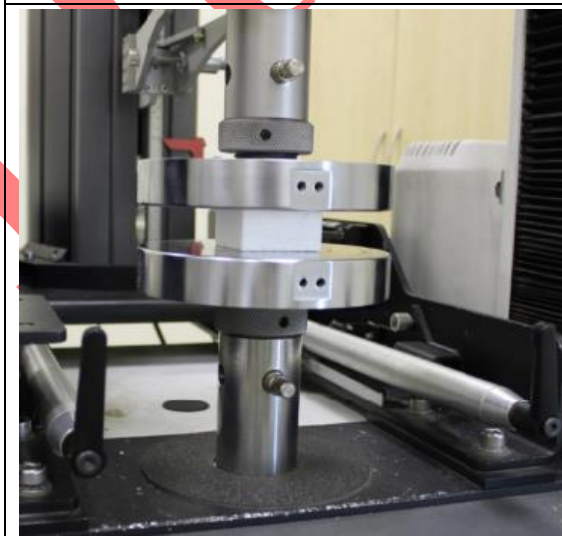
Test Condition : Test conducted at $23\pm 2^{\circ}\text{C}$ & $50\pm 10\%$ RH.
Test speed : 2.5 mm/min.
Deformation : 97%

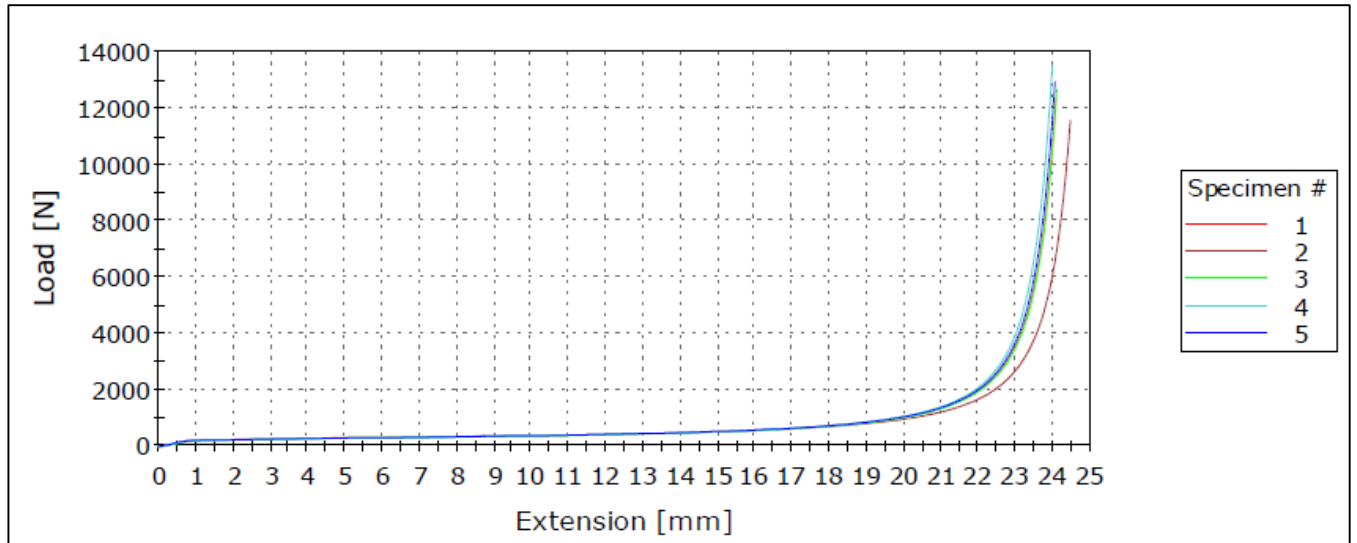
No of Sample : 5 No's.

Observation :

Sample No.	Compressive Strength (MPa)	Compressive Modulus (MPa)
1	5.12	713.43
2	4.66	639.71
3	5.16	743.58
4	5.60	819.98
5	5.38	775.97
Avg.	5.18	738.53

Test Setup



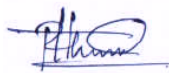


Test Graph

- 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



KP Biswal
(Prepared By)



Umashankar Singh
(Authorized Signatory)

FOR ANY ISSUES PLEASE CONTACT:
EMAIL: customersupport@qualiteklab.com
PHONE NO: +91 7620737704

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