

केंद्रीय पेट्रोसायन अभियांत्रिकी एवं
प्रौद्योगिकी संस्थान (सिपेट: आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक इंजीनियरिंग एवं तकनीकी संस्थान)

रसायन एवं पेट्रोसायन विभाग,

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

बी-२७, अमौसी इण्डस्ट्रियल एरिया, लखनऊ-२२६ ००८

फोन : ७६०७९९४०९४, ८७५६९९२८८२

E-mail : cipetiko2@gmail.com, testing-lucknow@cipet.gov.in,

cipetktesting@gmail.com

www.cipet.gov.in



CIPET सिपेट
probe • perform • practice • Plastics



PLASTIC TESTING CENTRE
TEST CERTIFICATE

Central Institute of Petrochemicals
Engineering & Technology (CIPET: IPT)

(Formerly Central Institute of Plastics Engineering & Technology)

Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers, Govt. of India

B-27, Amausi Industrial Area, Lucknow-226 008

Phone : 7607194014, 8756992882

E-mail : cipetiko2@gmail.com, testing-lucknow@cipet.gov.in,

cipetktesting@gmail.com

www.cipet.gov.in

Series : G



S.No. 0412

ULR-TC595523000000807F

Issued to: **Mr. Nitesh Singh,**
Student of Mechanical Engineering (4th Year)
Babu Banarasi Das Institute of Technology & Management,
Sector-I, Dr. Akhilesh Das Nagar,
Faizabad Road, Lucknow

Date: 22.05.2023



TC-5955

Your Ref.No. & Date : MED/BBDITM/PROJECT/A/04/02

dated : 20.04.2023

TEST REPORT AS PER STANDARD AND AMEND WITH DATE : As per party requisition

TEST REPORT NO: 0416

Page 1 of 2

PART - A :- PARTICULARS OF SAMPLE SUBMITTED

a)	Name of the sample	:	Primary Composite, Coir Composite, Portland Pozzolona Composite as stated by the party
b)	Grade / Variety / type / size / class	:	--
c)	Declared value, if any &	:	--
d)	Code No.	:	--
e)	Batch No. & Date of Manufacture	:	--
f)	Quantity	:	1 No. each prepared sample
g)	Mode of Packing	:	Packed in polythene
h)	Sealed or not	:	Not sealed
i)	Date of receipt of sample	:	09.05.2023
j)	Date of starting of the testing	:	10.05.2023
k)	Date of completion of testing	:	22.05.2023
l)	Any other information	:	Payment received on 09.05.2023

PART - B :- SUPPLEMENTARY INFORMATIONS

a)	Reference to sampling procedure	:	Not Applicable.
b)	Supporting document for the measurement taken & result derived	:	Not Applicable.
c)	Deviation from the test method as prescribed in relevant work instructions, if any	:	Not Applicable.

Signature
22/05/2023

Signature
22/05/2023

ULR-TC595523000000807F



G- 0412

Issued to : Mr. Nitesh Singh, Student of Mechanical Engineering (4th Year)
Babu Banarasi Das Institute of Technology & Management,
Sector-I, Dr. Akhilesh Das Nagar, Faizabad Road, Lucknow



TC-5955

Your Ref.No. & Date : MED/BBDITM/PROJECT/A/04/02, dated : 20.04.2023

TEST REPORT No. - 0416

Date: 22.05.2023

PART - C:- TEST RESULTS as per Party requisition

Page 2 of 2

S. No.	Name of the Test	Test Method	Unit	Test Value Obtained
1.	Impact Strength	ASTM D 256	kJ/m ²	1.64
			kJ/m ²	3.28
			kJ/m ²	1.48
2.	Flexural Strength	ASTM D 790	MPa	23.32
			MPa	88.01
			MPa	35.74

PART - D : REMARKS - NIL

AUTHORIZED SIGNATORY

Dr. V. H. Sangeetha
Technical Manager

AUTHORIZED SIGNATORY

Rajiv Kumar Lilhare
Quality Manager**NOTE :**

- This Test Report/ Certificate is issued only for the samples submitted to CIPET.
- The results stated above related only to the items tested.
- The quality of the subsequent production lot has to be ensured by the purchaser.
- The test certificate shall not be reproduced in full except without the written approval of the laboratory.
- Statement of conformity of a specification or standard is provided by laboratory taking into account the level of risk associated/borderline cases with the decision rule employed.