

सिपेट : एस. ए. आर. पि.-पॉलीमेरिक, मटेरीयल में अत्याधुनिक अनुसंधान हेतु प्रयोगशाला

रसायन एवं पेट्रोरसायन विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार

बी/२५, सि.एन.आई. कॉम्प्लेक्स, पटिआ, भुवनेश्वर-751024, ओडिशा

**CIPET : SARP - LABORATORY FOR ADVANCED RESEARCH IN POLYMERIC MATERIALS**



CIPET सिपेट  
probe · perform · practice · Plastics

Dept. of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India

B/25, C.N.I. Complex, Patia, Bhubaneswar-751 024, Odisha

Ph : 0674 - 2742852, 2740173, Fax : 0674 - 2740463

E-mail : larpm@cipet.gov.in, Web : www.larpm.gov.in

LARPM/CIPET/Testing/2022-23/

Date: 03.08.2022

To,

**Mr. Madhure Desarda**

**M/s. Pratishthan Industries Private Limited (PIPL)**

**G1/1 1/2, MIDC Industrial Area, Paithan, Aurangabad,**

**Maharashtra, India-431107**

**Mob: 8956830306**

**Sub –Revised Test Report–Reg.**

Dear Sir,

**Ref No: 1) Your request email dated 27.07.2022**

**2) Our Work Order No.: LARPM/BBS./2022-23/063 dated 13.06.2022**

With reference to the above cited subject, please find enclosed here with **Test Report No.00604 (Revised) dated 03.08.2022** to old Test Report No.00546 dated 20.06.2022.

**Hence earlier test report no. 00546 dated 20.06.2022 stands canceled.**

Kindly acknowledge the receipt of the same.

Thanks & Regards,

**Director & Head  
(Principal Scientist)**

Encl: As above

सिपेट : एस. ए. आर. पि.-पॉलीमेरीक, मटेरीयल में अत्याधुनिक अनुसंधान हेतु प्रयोगशाला

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TC-5693

ULR-TC569322000000154F



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**ANALYSIS REPORT**

Report No.: 00604(Revised)

Date :03.08.2022

Issued to

**M/s. Pratishthan Industries Private Limited (PIPL)**

**G1/1 1/2, MIDC Industrial Area, Paithan, Aurangabad,**

**Maharashtra, India-431107**

**Customer Ref. No. & Date: SSF dated 28.05.2022 & email dated 27.07.2022**

**Work Order Ref. No. & Date: LARPM/BBS./2022-23/063 dated 13.06.2022**

**As per Standard : As per part C**

**PART A: PARTICULARS OF SAMPLE SUBMITTED**

- |  |  |
|--|--|
| a) Name of the Sample  | : PIPL Molded Fiber Coffee Cup Lids- as stated by party. |
| b) Grade/Variety/Type/Size/Class etc.                            | : Nil.   |
| c) Code No.  | : Nil.   |
| d) Quantity (pcs./mtr/gm/nos)                                    | : 100g.  |
| e) Mode of packing<br>(Sealed carton/polypouch/container or not) | : Packed in Envelop.                                     |
| f) Date of receipt of sample                                     | : 31.05.2022.  |
| g) Date of Performance of test                                   | : 13.06.2022-18.06.2022                                  |
| h) Any other information   | : Nil  |

**PART B: SUPPLEMENTARY INFORMATION**

- |   |                                 |
|---|---------------------------------|
| a) Reference to sampling procedure  | : Drawn & supplied by the party |
| b) Supporting documents for<br>Measurements taken and results derived<br>like graphs, tables, sketches and/or<br>photographs as appropriate to test report<br>If any (to be attached) | : As per part -C                |
| c) Deviation from the test methods as<br>prescribed in relevant ASTM/ISO/BIS/<br>Work Instructions, If any--  | : Nil                           |

  
Mr. Pinaki Chatterjee  
AUTHORISED SIGNATORY

  
Dr. Akshaya Kumar Palai  
AUTHORISED SIGNATORY

# सिपेट : एस. ए. आर. पि.-पॉलीमेरिक, मटेरीयल में अत्याधुनिक अनुसंधान हेतु प्रयोगशाला

रसायन एवं पेट्रोरसायन विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार

बी/२५, सि.एन.आई.कॉम्पलेक्स, पटिआ, भुवनेश्वर-751024, ओडिशा

## CIPET : SARP - LABORATORY FOR ADVANCED RESEARCH IN POLYMERIC MATERIALS



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### ANALYSIS REPORT

#### PART C: TEST RESULTS

Report No. :00604(Revised)

Date :03.08.2022

Sl. No.	Name of the Test	Test Method/ Standard	Unit	Result Obtained	Specified Requirement
1.	<b>Sample Details: PIPL Molded Fiber Coffee Cup Lids - as stated by party..</b>				
a.	FTIR	ASTM E 1252	---	(As per Annexure -I attached)	---
b.	DSC (RT→300°C →RT→300°C) Scan rate:10°C/min	ASTM D 3418	---	(As per Annexure -I attached)	---
c.	TGA (RT→800°C) Scan rate:10°C/min	ASTM E 1868	---	Max. Degradation at 369.03°C observed with final residue of 6.78 % upto800 °C. (As per Annexure -I attached)	---

**Comments:** From the above analysis, it may be concluded that the base material of the supplied sample i.e. "PIPL Molded Fiber Coffee Cup Lids" is paper board material. There is no plastic film found in the supplied sample

#### PART D:- REMARKS:

**Reason for Revised Report:-As requested by the customer to mentioned in the test report whether, plastic film is present or not in the supplied sample & change in the sample name.**

- Note:**
1. This Test Report / Certificate is issued only for the samples submitted to CIPET:SARP-LARPM.
  2. The results stated above related only to the items tested.
  3. The quality of the subsequent production lot has to be ensured by the purchaser.
  4. This Test Report shall not be reproduced except in full without the written approval of the laboratory.
  5. Any anomaly/discrepancy in this report should be brought to the notice of CIPET:SARP-LARPM within 30 days from the date of issue.
  6. Subcontracted Tests (if any):Nil.

**\*\* End of the Report \*\***

**This report suppressed the test report no. 00546 dated 20.06.2022**

  
Mr. Pinaki Chatterjee  
AUTHORISED SIGNATORY

  
Dr. Akshaya Kumar Palai  
AUTHORISED SIGNATORY

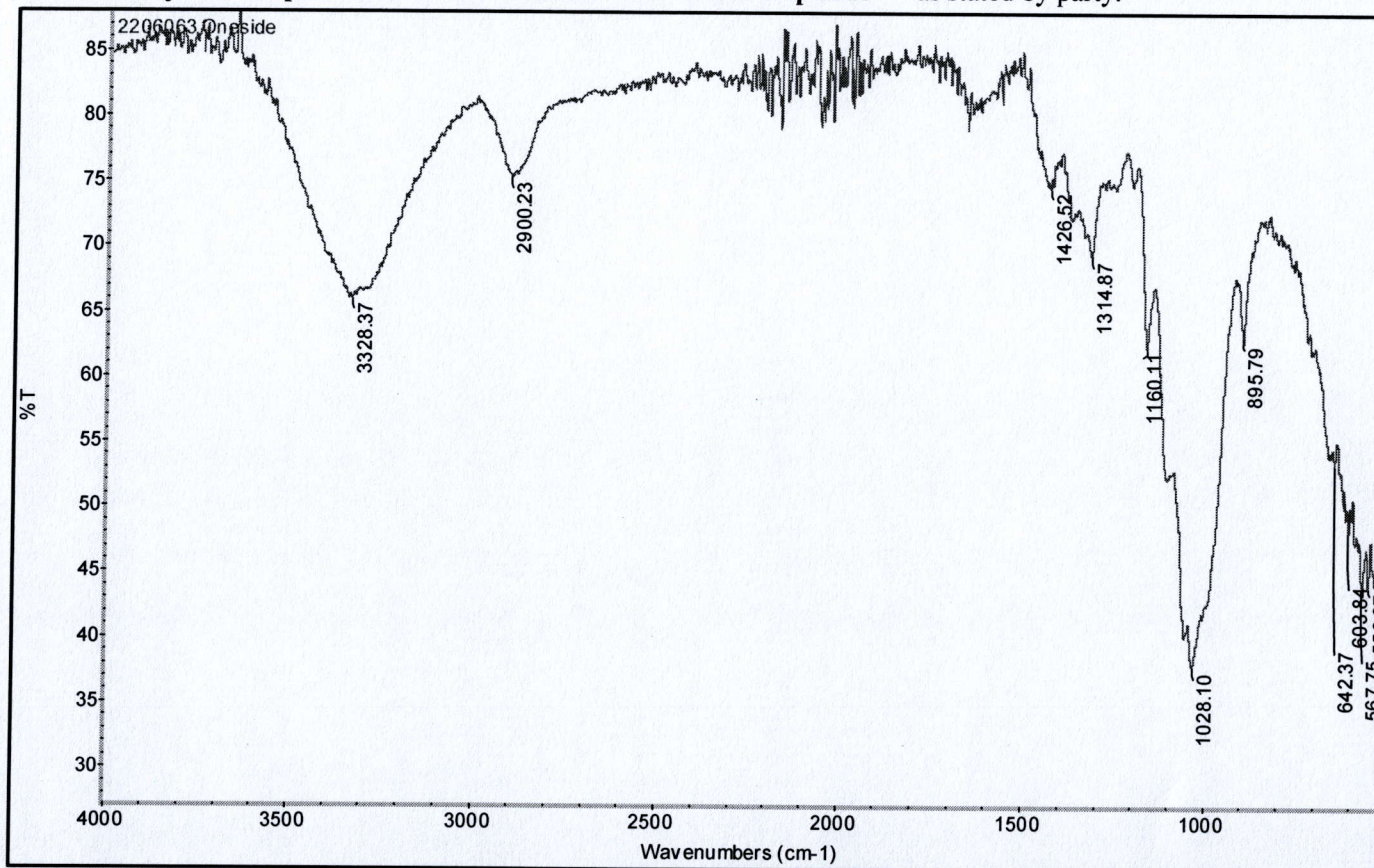
## ANALYSIS SHEET

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TEST REPORT NO. -00604(Revised)

DATE- 03.08.2022

FTIR Analysis: Sample Details: PIPL Molded Fiber Coffee Cup Lids - as stated by party.



Wave Number (cm <sup>-1</sup> )	Possible Nature of the Bond
3328.37	OH Stretch
1160.11 & 1028.10	C-O Stretch

*Pinaki Chatterjee*  
 03.08.2022  
 Mr. Pinaki Chatterjee  
 AUTHORISED SIGNATORY

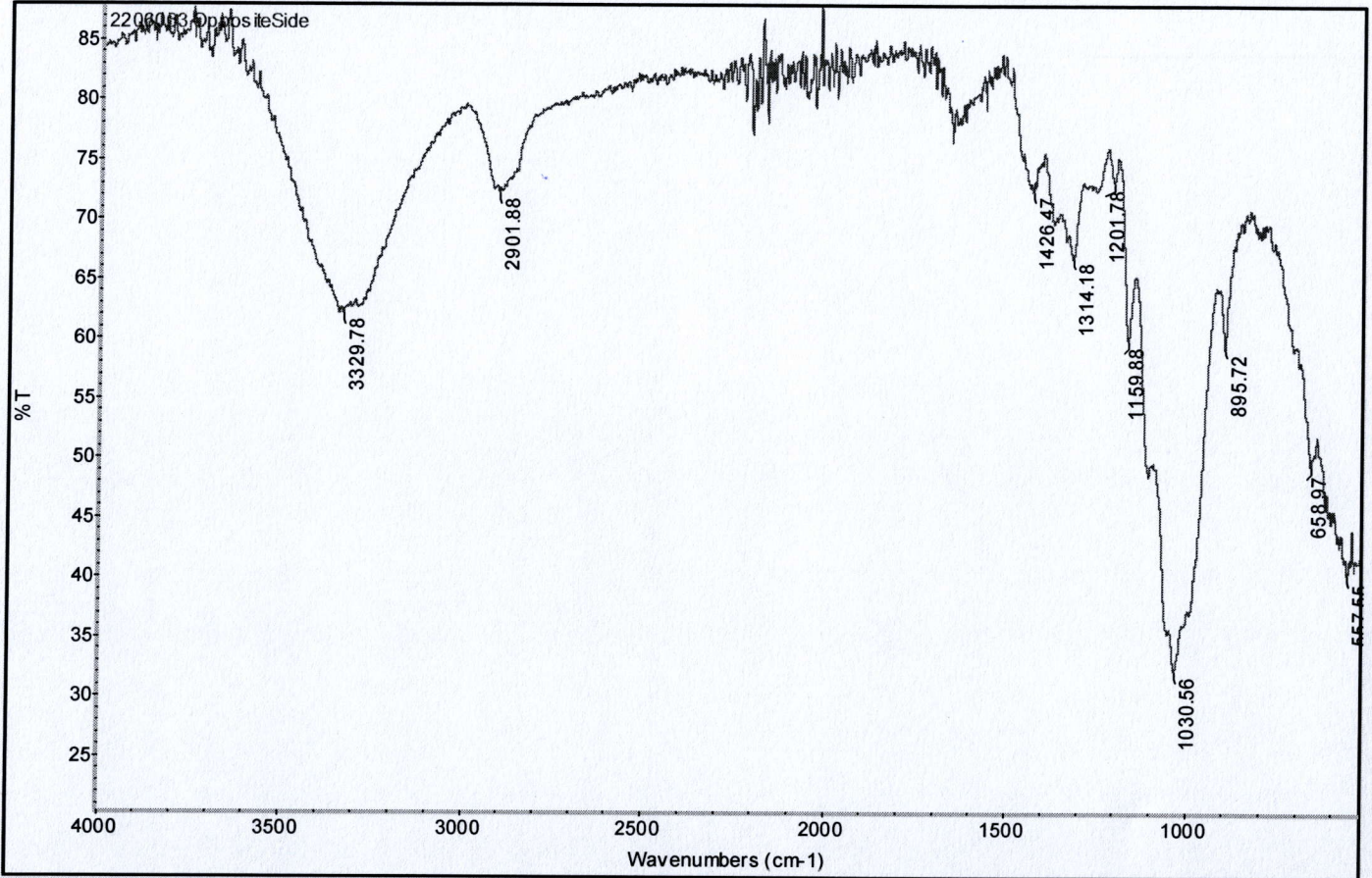
*Akshaya Kumar Palai*  
 03.08.2022  
 Dr. Akshaya Kumar Palai  
 AUTHORISED SIGNATORY

## ANALYSIS SHEET

TEST REPORT NO. -00604(Revised)

DATE- 03.08.2022

FTIR Analysis: Sample Details: PIPL Molded Fiber Coffee Cup Lids - as stated by party.



Wave Number (cm <sup>-1</sup> )	Possible Nature of the Bond
3329.78	OH Stretch
1159.88 & 1030.56	C-O Stretch

*Pinaki Chatterjee*  
 03.08.2022  
 Mr. Pinaki Chatterjee  
 AUTHORISED SIGNATORY

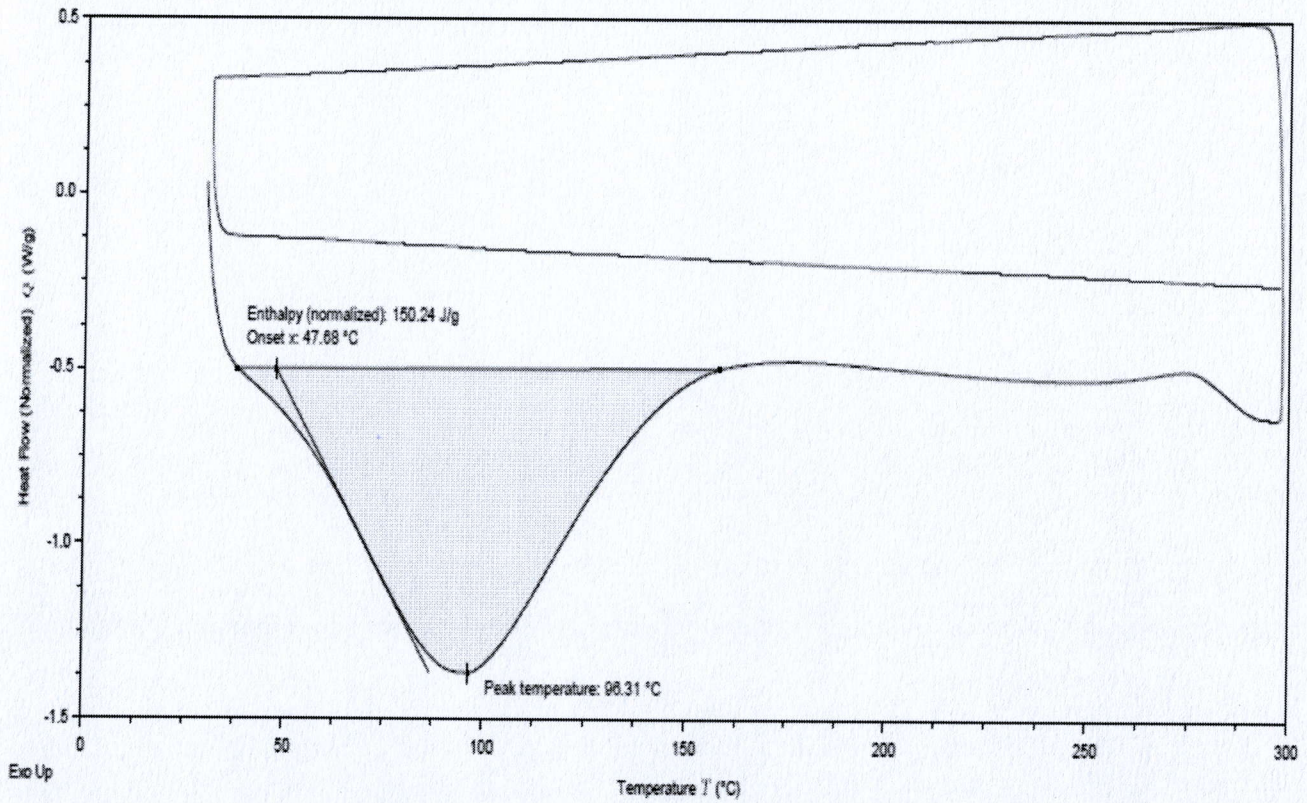
*Dr. Akshaya Kumar Palai*  
 03.08.2022  
 Dr. Akshaya Kumar Palai  
 AUTHORISED SIGNATORY

ANALYSIS SHEET

TEST REPORT NO. -00604(Revised)

DATE- 03.08.2022

DSC Analysis: Sample Details: PIPL Molded Fiber Coffee Cup Lids - as stated by party.



*Pinaki Chatterjee*  
03.08.2022  
**Mr. Pinaki Chatterjee**  
AUTHORISED SIGNATORY

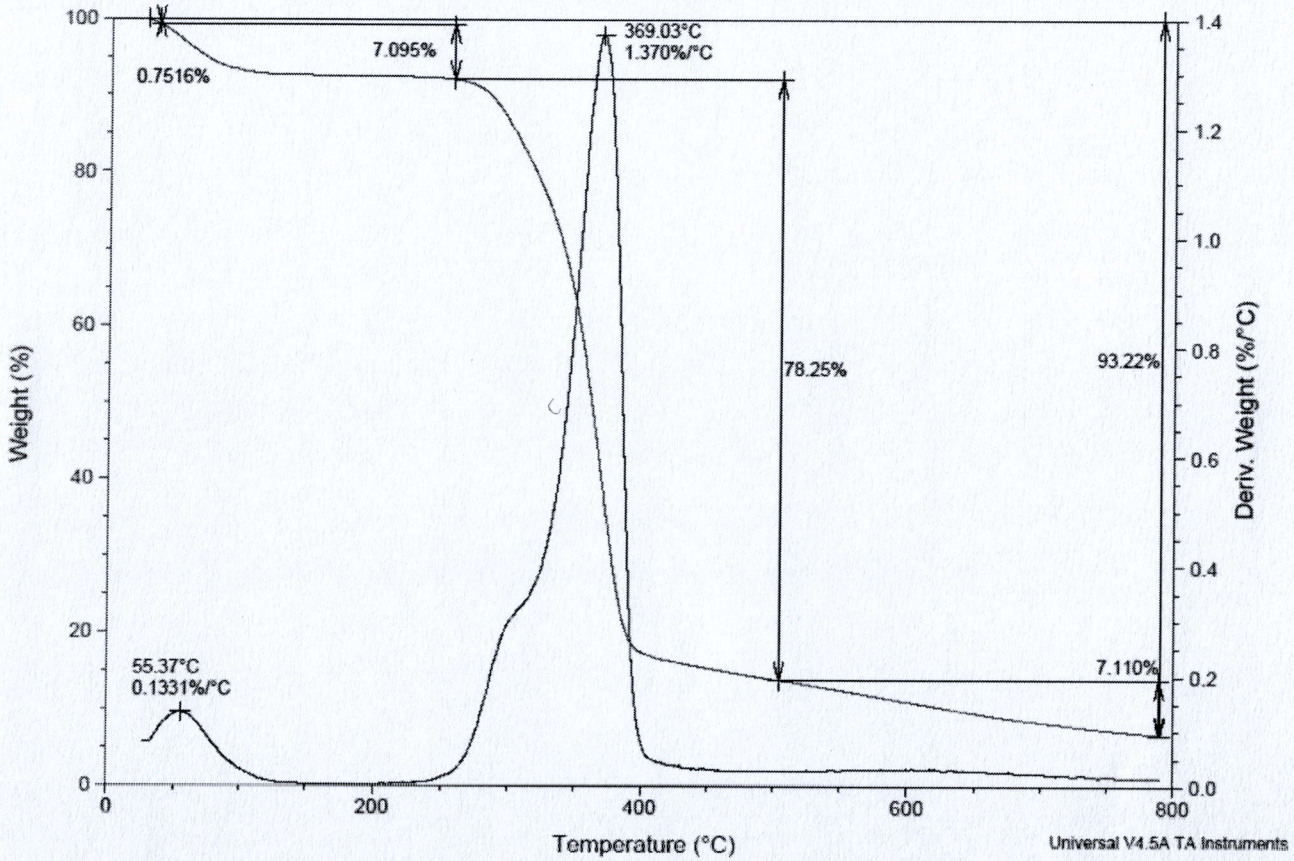
*palai*  
03.08.2022  
**Dr. Akshaya Kumar Palai**  
AUTHORISED SIGNATORY

ANALYSIS SHEET

TEST REPORT NO. -00604(Revised)

DATE- 03.08.2022

TGA Analysis: Sample Details: PIPL Molded Fiber Coffee Cup Lids - as stated by party.



*Pinaki Chatterjee*  
3.08.2022  
Mr. Pinaki Chatterjee  
AUTHORISED SIGNATORY

*Dr. Akshaya Kumar Palai*  
03.08.2022  
Dr. Akshaya Kumar Palai  
AUTHORISED SIGNATORY