

केंद्रीय पेट्रोकेमिकल्स इंजीनियरिंग
एवं तकनीकी संस्थान (सिपेट)
(पूर्व में सेंट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी)
इंस्टिट्यूट ऑफ पेट्रोकेमिकल्स टेक्नोलॉजी (आई.पी.टी.)
रसायन एवं पेट्रोसायन विभाग
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
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CIPET सिपेट
probe perform practice Plastics

परीक्षण रिपोर्ट
TEST REPORT

**CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY (CIPET)**
(Formerly Central Institute of Plastics Engineering & Technology)
INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT)
Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
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क्र.सं. / Sl.No. **8202**

Issued to :
M/s.Vajra Plastics
XI/140A,Industrial Development Area,
Erumathala PO,Aluva,Ernakulam-Dist

Test Report No:21177
Date :16.08.2021

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Ref No: Letter No.VP/20-21 dt. 01.04.2021

PART A : PARTICULARS OF SAMPLE SUBMITTED

Nature of Sample	: Square Rain Gutter sample as stated by party
Grade / Variety / type / Size / Class etc.	: Aizar square Rain Gutter
Brand name, if any	: aizar.
Declared values, if any	: Nil
Code No.	: Nil
Batch No. and date of manufacture	: Nil
Quantity	: 1 m × 10 nos
Mode of Packing	: Packed in woven sack
Date of receipt of sample	: 07.06.2021
Date of commencement of test	: 07.06.2021
Date of completion of test	: 16.08.2021
Sealed or not	: Not Sealed
Any other information	: Nil

PART B: SUPPLEMENTARY INFORMATION

- Reference to sampling procedure : Supplied by the party
- Supporting documents for the measurements taken : Nil
and results derived like graphs, tables, sketches
and / or photographs as appropriate to test report,
if any (to be attached)
- Deviation from the test methods as prescribed in : Nil
relevant ISS / Work instructions, if any

Mangalika J.S.

S.M.Y.L.

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रसायन एवं पेट्रोसायन विभाग

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Continuation Sheet

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PART C : TEST RESULTS

Sl. No	Test	Test Method	Unit	Results obtained
1	Visual Appearance	--	-	The Internal & External surface of sample is smooth, clean, free from grooving & other defects
2	Vicat Softening Point	IS 12235:2004 Part-2	^o C	80.6
3	Resistance to Sulphuric Acid (i)Change in mass	IS 12235:2004 Part-7	g	(+)0.09
4	Tensile Strength (Before Exposure)	IS 12235:2004 Part-13	MPa	19.6
5	Effect on Sunlight for 1600hrs (i)Visual appearance (ii)Tensile Strength (After Exposure)	IS 12235:2004 Part-13	-- MPa	No discolouration observed 18.4

Note:i) Statement of Conformity & Decision Rule (if any):NA

ii)Opinion & Interpretation: NA

PART D: REMARKS

- NB:
- 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
 - This Test Certificate shall not be reproduced except in full without the written approval.
 - Details of test subcontracted –Nil.


Technical Officer
Authorized Signatory


Sr. Technical Officer
Authorized Signatory

End of the Report