सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोरसायन इंजीनियरिंग एण्ड टेक्नोलॉजी

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

एच.सी.एल. पोस्ट, आई.डी.ए., फेस - २, चेरलापल्ली, हैदराबाद-५०० ०५१.

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

H.C.L. Post, IDA - Phase - II, Cherlapally, Hyderabad - 500 051.

Phone : 040-27263750, 27263615, Fax : 91-40-27264051

E-mail : testing-hyderabad@cipet.gov.in / hyderabad@cipet.gov.in Web : www.cipet.gov.in

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Plastics Testing Centre

No.: 0135594

Test Certificate

Issued to: M/s RMC Switchgears Limited,
7. K.M From Chaksu, Kotkhawda Road,
Village-Badodiya, Tehsil- Chaksu,
Tonk Road
Jaipur-303 901.

Date: 14.12.2022

Ref : Your Letter No. RMC/22-23/CIPET/TTR/D.141122., dt.16.03.2022

TEST REPORT AS PER:- IS: 13410-1992

PART A : PARTICULARS OF SAMPLE SUBMITTED REPORT NO : 2207123

a) Name of the Sample	:	SMC Material for Electrical Enclosures like Meter Boxes, Junction Boxes, Distribution Boxes, Kiosks & Pillars Boxes, Service Connection Boxes, Plates and Boards as stated by party
b) Grade/Variety/Type/Size/Class	:	Nil
c) Declared values, if any	:	Nil
d) Code No.	:	Nil
e) Batch No. and Date of Manufacture	:	Nil
f) Quantity	:	02 nos.
g) Mode of Packing	:	Carton Box
h) Seal	:	Nil
i) Any other information	:	Samples received on :14.11.2022
j) Date of initiation of testing	:	15.11.2022
k) Date of completion of testing	:	13.12.2022

PART B : SUPPLEMENTARY INFORMATION

a) Reference to sampling Procedure	:	Nil
b) Supporting documents for the measurement taken and result derived	:	Nil
c) Deviation from the test method as prescribed in relevant work instructions, if any	:	Nil
d) Statement of conformity as per the test result obtained	:	As per Part-C
e) Decision Rule applicable or not	:	Nil

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चेरलापल्ली, हैदराबाद-५०० ०५१.
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Cherlapally, Hyderabad - 500 051.
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Test Certificate

No.0135594

Continuation Sheet

REPORT No. 2207123
PART – C

TEST RESULTS
(As per IS: 13411-1992 Annexure -01)

S. No	TEST	TEST METHOD	Specified Requirement	Result Obtained	Unit
1.	Glass Content	IS 13410-1992/Annex-A of IS 13411-1992	Min: 20%	66	%
2.	Modulus of Elasticity	IS 13410-1992/ IS 8543 (Pt.4/Sec 1)-1984	Min: 12 to 15 x 10^3 MPa	13 x 10^3	MPa
3.	Tracking Resistance CTI	IS 13410-1992/ IS 2824-1975	Min: 1000 v	1070	v
4.	Density of Moulding	IS 13410-1992/ IS 8543 (Pt.1/Sec 2)-1970	Min: 1.8 to 2.1 g/ml	1.89	g/ml
5.	Surface Resistivity (24hr in water)	IS 13410-1992/ IS 3396-1979	Min: 1 x 10^3 Ω (ohm)	2.0 x 10^3	Ω (ohm)
6.	Dissipation Factor (4 days at 80% RH & at 1 kHz)	IS 13410-1992/ IS 3396-1979	Min:0.01	0.02	-

PART D: REMARKS: Nil

NB: 1. This: Test Report/Certificate IS: Issued only for the samples submitted to CIPET.
2. The results stated above related only to the items tested
3. The report shall not be reproduced in full/part without written approval of the laboratory.
4. The quality of the subsequent production lot has to be ensured by the purchaser.
5. Any anomaly/discrepancy in this: report should be brought to be the notice of CIPET within 30 days from the date of Issue

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