



INDIAN RUBBER MATERIALS RESEARCH INSTITUTE

An Autonomous Institute under DPIIT, Ministry of Commerce & Industry, Govt. of India

Formerly known as Indian Rubber Manufacturers Research Association (IRMRA)

E-mail : info@irmra.org • Website : www.irmri.org



TC-14432

DEVELOPMENTAL EVALUATION REPORT

ULR No : TC144322530002310	22 Aug 2025	Page 1 of 2
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--- CUSTOMER DETAILS ---

Customer Name & Address :	
M/s.Venkateswara Suppliers Pvt Ltd. 16/768, Para Road Parapirivu Kanjikode-678621	
Contact Person & Telephone No :	Gopinathan V -
Period of Testing:	18 Aug 2025 to 22 Aug 2025
Customer Letter Ref No with Date :	SOH2526/1159 Dated 18 Jul 2025
Date of Receipt :	18 Aug 2025
Any Other Information like witness / third party	Silicone Rubber

--- SAMPLE DETAILS ---

Sample Code / Description	Silicone Rubber
Product Specification	-NIL-

--- REPORT DETAILS ---

Description of Report	Page Nos
TC144322530002310 - M & R -	--
TC144322530002310 - C & I -	2 of 2

Terms and Conditions

1. Sample was not drawn by IRMRI, unless otherwise stated.
2. The result enclosed are only related to the sample submitted to us.
3. The report shall not be reproduced except in full without prior written permission of laboratory.
4. Information contained in this letter / or enclosed reports is/are purely meant for your guidance and should not be used for litigation/evidence/advertisement, without prior permission from laboratory.

Prepared and Checked By
Shibulal Gopi Sathi



भारतीय रबड़ सामग्री अनुसंधान संस्थान
Indian Rubber Materials Research Institute

HOD Customer Service Cell
डॉ. शिबूलाल गोपी साथी, सहायक निदेशक
Dr. Shibulal Gopi Sathi, Assistant Director



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TECHNICAL REPORT / C & I

ULR No : TC144322530002310

22 AUG 2025

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Sample : Silicone Rubber Specn.

Test (Condition)	Method	Unit	Specified Value	Observed Value
Polymer-Material Identification (By FT-IR)	ISO:4650	--	Silicone	Silicone Rubber
Low Boiling Materials (By TGA)	ASTM E-1131	% by Wt	-	10.8
Polymer Content (By TGA)	ASTM E-1131	% by wt	-	35.1
Ash Content (By TGA)	ASTM E-1131	% by wt	-	54.1

ENCL: FTIR & TGA GRAPH

Prepared and Checked By *Sheth*



End of Report

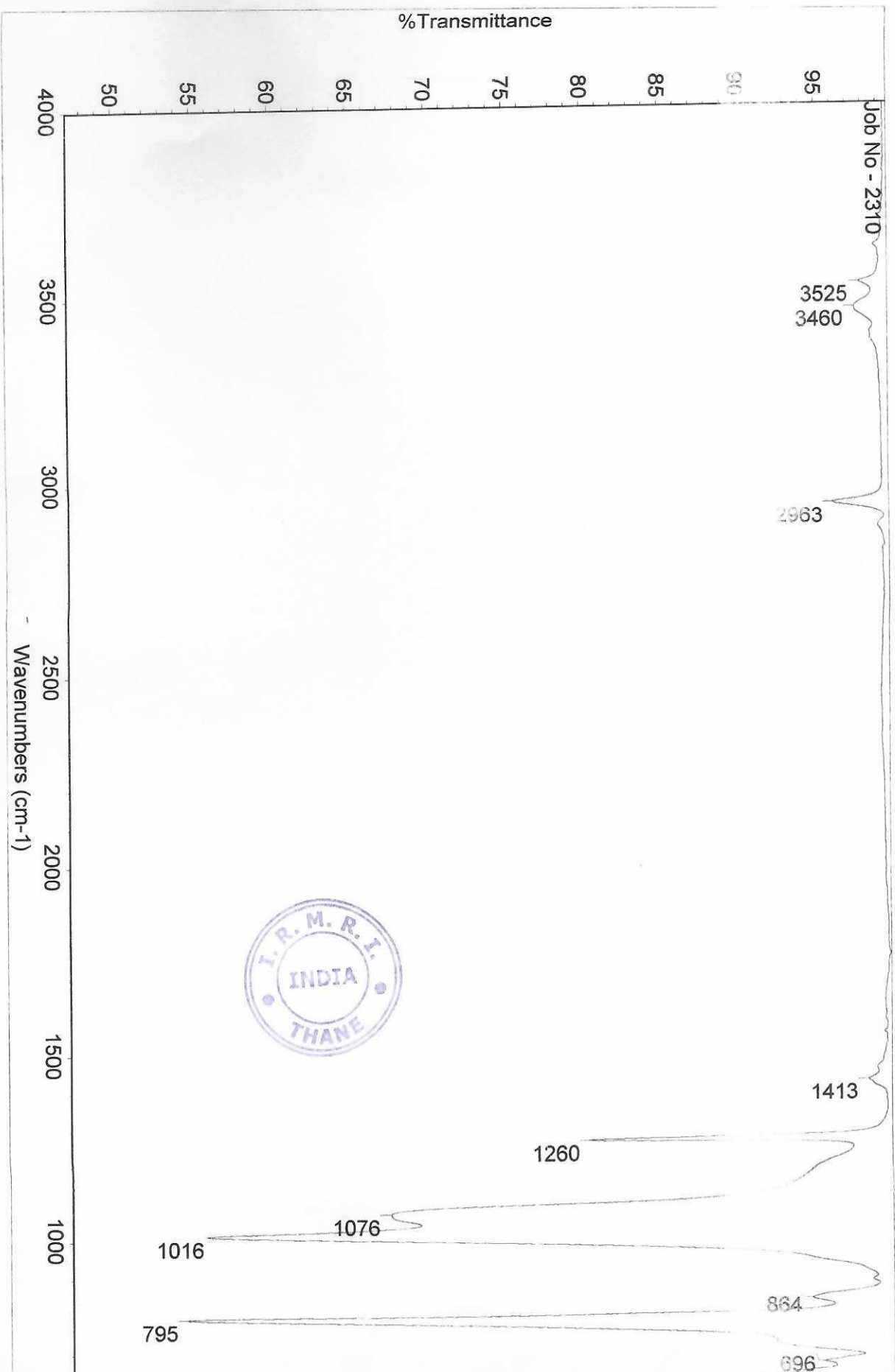
भारतीय रबड़ सामग्री अनुसंधान संस्थान
Indian Rubber Materials Research Institute

डॉ. शिवूल गोपी सती, निदेशक
Dr. Shibulal Gopi Sathi, Assistant Director

FTIR Graph

IRMRI

Date : 20-08-2025



Job No - 2310

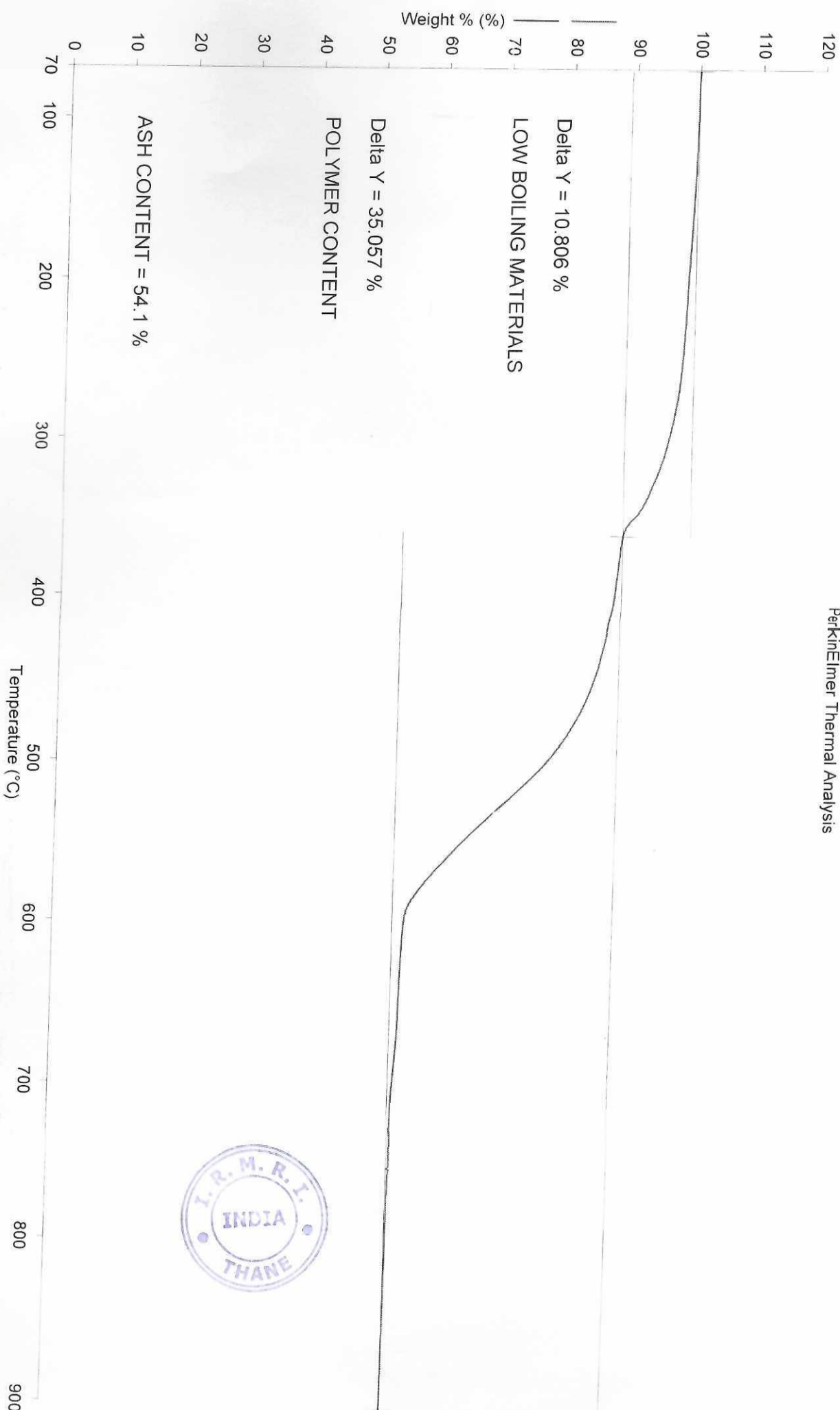
Silicone Rubber

solution

Data Collected: 21-Aug-25 12:13:40 PM
Operator ID:
Sample ID: JOB-2310
Sample Weight: 11.497 mg
Comment:

JOB-2310: JOB-2310
Weight % (%) : Step: 1

PerkinElmer Thermal Analysis



1) Heat from 70.00°C to 900.00°C at 20.00°C/min

sluttm

21-Aug-25 12:22:42 PM