IRMRA

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

Affiliated to Ministry of Commerce & Industry (Government of India)

(A NABL (ISO - 17025-2005) Accredited Laboratory)

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

DEVELOPMENTAL EVALUATION REPORT

Report No : RPT / 2750 / 17-18	**24 Jan 2018** **Page 1of3**

--- CUSTOMER DETAILS ---

Customer Name & Address :	
M/s.Sunflex Recycling Pvt Ltd 274/4, Shital Estate,Opp. Gujarat High Court, S.G.Highway,Sola, Ahmedabad, Gujarat, INDIA 380060	
Contact Person :	
Telephone No :	27662051
Customer Letter Ref No with Date :	**Dated 16 Jan 2018**
Date of Receipt :	**16 Jan 2018**
Any Other Information like witness / third party	

--- SAMPLE DETAILS ---

Sample Code / Description	EPDM Rubber slab
Product Specification	**-NIL-**
Sample Code / Description	EPDM Rubber Granules
Product Specification	**-NIL-**

--- REPORT DETAILS ---

Description of Report	Page Nos
RPT / 2750 / 17-18 - M & R -	2of 3
RPT / 2750 / 17-18 - C & I -	3of3

Terms and Conditions

1. Sample was not drawn by IRMRA, 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

I.R.M.R.A. INDIA THANE

भारतीय रबड़ निर्माता अनुसंधान संघ
Indian Rubber Manufacturers Research Association

Authorized Signatory

एन.ए.फोंडके (वरिष्ठ अधिकारी ग्राहक से)
N. A. Phondke (Senior Officer-Customer Service)

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Certificate No.: T1153/T1154

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TECHNICAL REPORT / M & R

RPT / 2750 / 17-18 - M & R 24 JAN 2018

Sample : EPDM Rubber slab **Specn.**

Test (Condition)	Method	Unit	Specified Value	Observed Value
Tensile Strength (Before Ageing.)	ASTM D-412 Type C	kg/cm²	-	33
Elongation at Break (Before Ageing.)	ASTM D-412 Type C	%	-	450
Hardness (Before Ageing.)	ASTM D-2240	Shore A	-	72

भारतीय रबड़ निर्माता अनुसंधान संघ
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Prepared and Checked By

Authorized Signatory (अधिकारी)
डॉ. भरत कापगते (वरिष्ठ वैज्ञानिक अधिकारी)
Dr. Bharat Kapgate (Senior Scientific Officer)

I.R.M.R.A. INDIA THANE

Plot No.254/1B, Road No.16V, Wagle Industrial Estate, Thane (W) - 400 604.
Ph. : 022-2581 1348, 2580 3753, 2583 4650/51/52, 6787 3200-219 (20 Lines) 6787 3221/22/27/39/42/44-48 (5 Lines) • Telefax : 022-2582 3910

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TECHNICAL REPORT / C & I

RPT / 2750 / 17-18 - C & I 24 JAN 2018

Sample : EPDM Rubber slab **Specn.**

Test (Condition)	Method	Unit	Specified Value	Observed Value
Polymer Identification (By FT-IR)	ISO:4650	--	-	Ethylene Propylene Diene Rubber [EPDM]
Low Boiling Materials (By TGA)	ASTM E-1131	% by Wt	-	4.5
Polymer Content (By TGA)	ASTM E-1131	% by wt	-	27.4
Ash Content (By TGA)	ASTM E-1131	% by wt	-	68.1
Density	ASTM D-297	gm/cc	-	1.68

Sample : EPDM Rubber Granules **Specn.**

Test (Condition)	Method	Unit	Specified Value	Observed Value
Visual Observation	Customer Procedure	-	-	Red coloured granules having non-uniform dimensions.

Encl.: FTIR & TGA graphs.

Prepared and Checked By

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Indian Rubber Manufacturers Research Association

Authorized Signatory (अधिकारी)
मनोहर नवाले (वरिष्ठ वैज्ञानिक)
Manohar Nawale (Senior Scientific Officer)

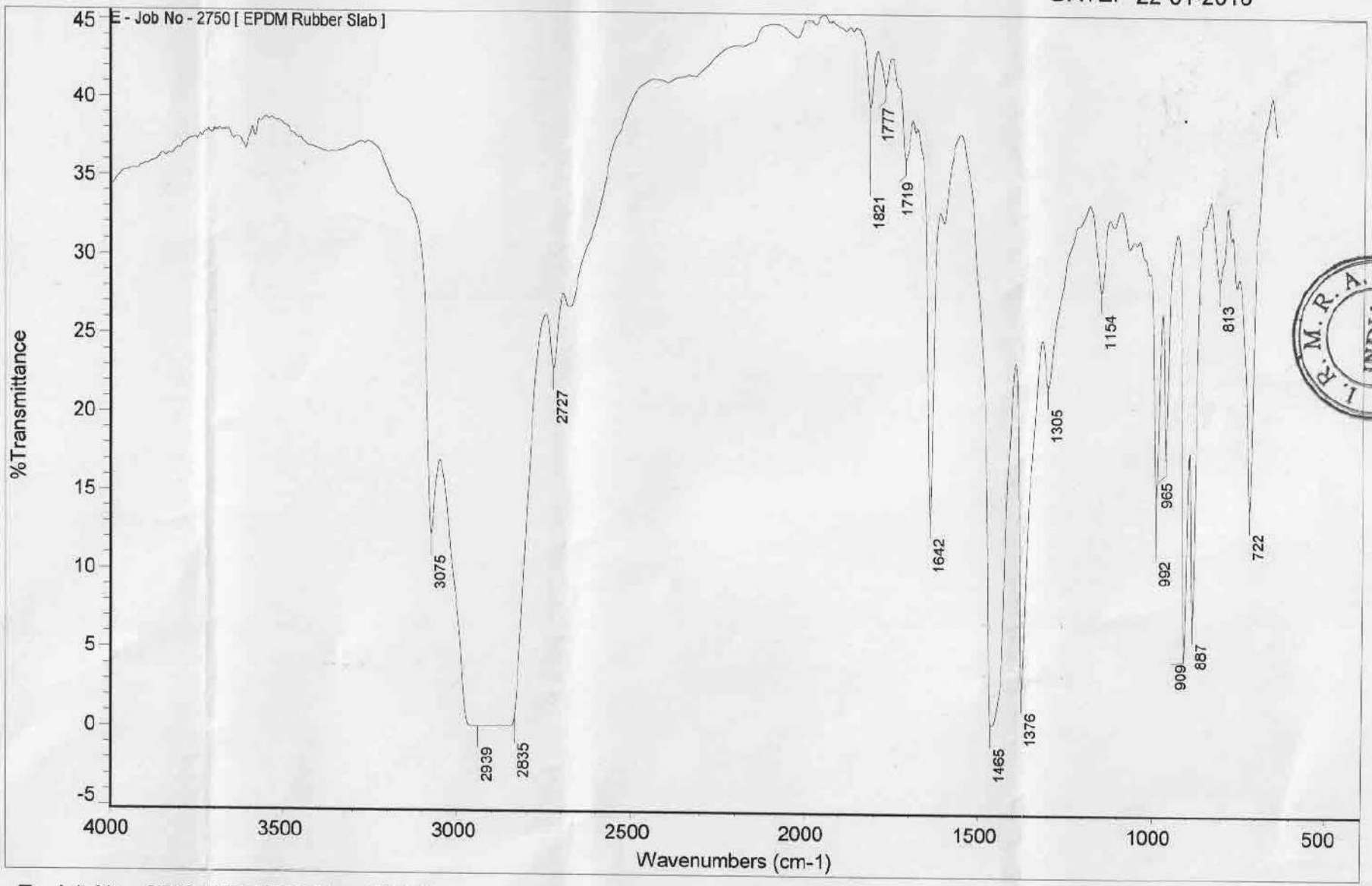
I. R. M. R. A. INDIA THANE

Plot No. 254 / 1B, Road No. 16V, Wagle Industrial Estate, Thane (W) - 400 604.
Ph. : 022-2581 1348, 2580 3753, 2583 4650 / 51 / 52, 6787 3200-219 (20 Lines), 6787 3221 / 22 / 27 / 39 / 42 / 44-48 (5 Lines) Telefax : 022-2582 3910

FTIR GRAPH

IRMRA

DATE: 22-01-2018



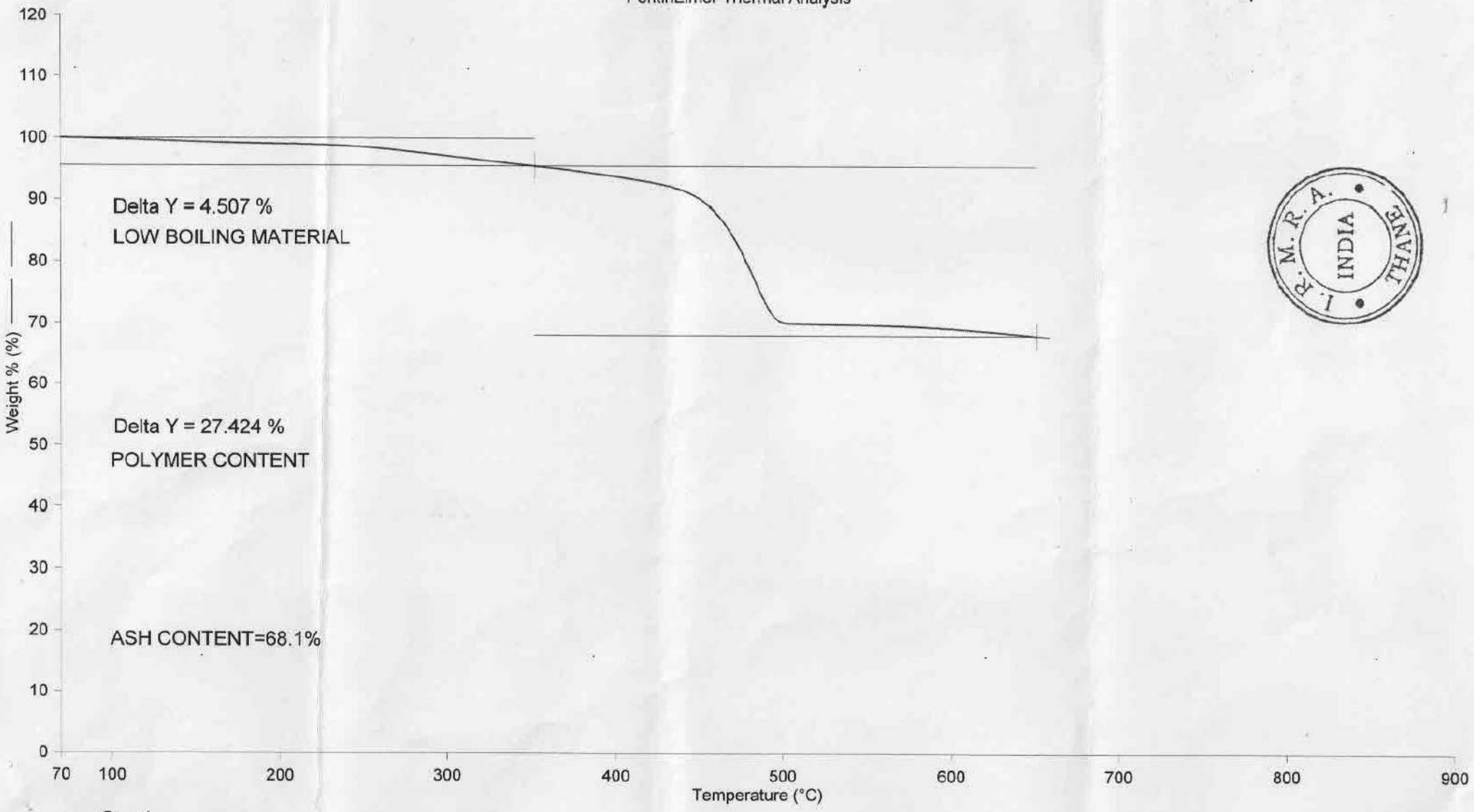
E - Job No - 2750 [EPDM Rubber Slab]

Ethylene Propylene Diene Rubber (EPDM)

R. M. R. A. INDIA THANE

Filename: D:\2018\JANUARY\JOB-2750.t6d
Operator ID:
Sample ID: JOB-2750
Sample Weight: 12.771 mg
Comment:

PerkinElmer Thermal Analysis



I.R.M.R.A. INDIA THANE

1/23/2018 12:38:33 PM

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