

ASIA-PACIFIC THERMAL INTERFACE MATERIALS MARKET FORECAST 2017-2024

<https://marketpublishers.com/r/A87A5D3EA0EEN.html>

Date: April 2017

Pages: 55

Price: US\$ 1,950.00 (Single User License)

ID: A87A5D3EA0EEN

Abstracts

KEY FINDINGS

The Asia – pacific Thermal interface materials market is expected to value at \$ 418.7 million in the year 2017 and is anticipated to hit \$1,125.3 million in the year 2024 at a CAGR of 13.29% during the forecast period of 2016-2024. The forecast period for the thermal interface materials market is from 2017 to 2025 and the base year deliberated for the market study is 2016. The rising demand for sophisticated electronics, growing LED market and the need for constant connectivity are some of the key market drivers of Thermal Interface market.

MARKET INSIGHTS

The Asia –Pacific thermal interface materials market is segmented by application on the basis of the automotive electronics market, computers industrial machinery market, telecom market, consumer durables market, medical devices market, industrial machinery market and in other applications. The Asia –Pacific thermal interface materials market is segmented by type on the basis of Tapes & Films market, metal-based market, Greases and Adhesives market, phase change materials, gap fillers and others market.

COMPETITIVE INSIGHTS

Major players in the thermal interface materials market are 3M Company, Aavid Thermalloy Inc, Dow Corning Corporation, Epic Resins, Henkel Ag & Co. KGaA, Honeywell International Inc, Indium Corporation, Laird Technologies Inc, Master Bond, Momentive Performance Materials Inc, Parker Hannifin Corporation, Stockwell

ElastomericsInc, The Bergquist Company Inc, Wakefield-VetteInc, and Zalman
Tech Co Ltd.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM- UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. ASIA PACIFIC DOMINATES GLOBALLY BOTH IN TERMS OF GROWTH RATE AND MARKET SHARE
 - 3.2.2. PHASE CHANGE MATERIAL IS EXPECTED TO BE FASTEST GROWING TYPE OF THERMAL INTERFACE MATERIAL
 - 3.2.3. INDUSTRIAL MACHINERY IS EXPECTED TO GROW WITH THE FASTEST RATE IN THE APPLICATION SEGMENT 2017-2024 (\$ MILLION)

4. MARKET OVERVIEW

- 4.1. MARKET DEFINITION
- 4.2. MARKET DRIVERS
 - 4.2.1. ELECTRIFICATION OF TRANSPORTATION INDUSTRY
 - 4.2.2. RISING DEMAND FOR SOPHISTICATED ELECTRONICS
 - 4.2.3. GROWING LED MARKET
 - 4.2.4. INCREASING NEED FOR SEAMLESS CONNECTIVITY
 - 4.2.5. WIDE INDUSTRIAL APPLICATIONS

4.3. MARKET RESTRAINTS

4.3.1. PERFORMANCE LIMITED BY PHYSICAL PROPERTIES

4.3.2. HIGH USAGE OF THERMAL INTERFACE MATERIAL

4.4. MARKET OPPORTUNITIES

4.4.1. APPLICATION AS NANODIAMONDS

4.4.2. APPLICATION OF CARBON NANOTUBES AS HEAT SINKS

4.5. MARKET CHALLENGES

4.5.1. INCREASING COMPETITION AND CONCENTRATION ON DEMAND

4.5.2. DERIVING OPTIMAL OPERATING COSTS FOR END USER

5. ASIA PACIFIC THERMAL INTERFACE MATERIALS MARKET BY APPLICATION 2017-2024 (\$ MILLION)

5.1. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN AUTOMOTIVE
ELECTRONICS MARKET 2017-2024 (\$ MILLION)

5.2. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN COMPUTERS
INDUSTRIAL MACHINERY MARKET 2017-2024 (\$ MILLION)

5.3. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN TELECOM MARKET
2017-2024 (\$ MILLION)

5.4. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN CONSUMER DURABLES
MARKET 2017-2024 (\$ MILLION)

5.5. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN MEDICAL DEVICES
MARKET 2017-2024 (\$ MILLION)

5.6. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN INDUSTRIAL
MACHINERY MARKET 2017-2024 (\$ MILLION)

5.7. ASIA PACIFIC THERMAL INTERFACE MATERIALS IN OTHER APPLICATIONS
MARKET 2017-2024 (\$ MILLION)

6. ASIA PACIFIC THERMAL INTERFACE MATERIALS MARKET BY TYPE 2017-2024 (\$ MILLION)

6.1. ASIA PACIFIC TAPES & FILMS MARKET 2017-2024 (\$ MILLION)

6.2. ASIA PACIFIC METAL-BASED THERMAL INTERFACE MATERIALS MARKET
2017-2024 (\$ MILLION)

6.3. ASIA PACIFIC GREASES & ADHESIVES MARKET 2017-2024 (\$ MILLION)

6.4. ASIA PACIFIC PHASE CHANGE MATERIALS MARKET 2017-2024 (\$ MILLION)

6.5. ASIA PACIFIC GAP FILLERS MARKET 2017-2024 (\$ MILLION)

6.6. ASIA PACIFIC OTHERS MARKET 2017-2024 (\$ MILLION)

7. KEY ANALYTICS

7.1. PORTER'S FIVE FORCE MODEL

- 7.1.1. THREAT OF NEW ENTRANTS
- 7.1.2. THREAT OF SUBSTITUTE PRODUCTS OR SERVICES
- 7.1.3. BARGAINING POWER OF BUYER
- 7.1.4. BARGAINING POWER OF SUPPLIER
- 7.1.5. INTENSITY OF COMPETITIVE RIVALRY

7.2. KEY BUYING CRITERIA

- 7.2.1. ACCURACY AND RELIABILITY
- 7.2.2. COST OF OWNERSHIP AND EASE OF APPLICATION
- 7.2.3. THERMAL PERFORMANCE
- 7.2.4. REUSABILITY/ RE-WORKABILITY
- 7.2.5. STABILITY AGAINST THERMAL SHOCK
- 7.2.6. APPLICATION AREA

7.3. OPPORTUNITY MATRIX

8. ASIA PACIFIC THERMAL MATERIALS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

- 8.1. CHINA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)
- 8.2. INDIA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)
- 8.3. JAPAN THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)
- 8.4. SOUTH KOREA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)
- 8.5. ROAPAC THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

9. COMPETITIVE LANDSCAPE

- 9.1. CORPORATE STRATEGIES
- 9.2. LIST OF PARTNERSHIPS
- 9.3. LIST OF MERGERS/ACQUISITIONS
- 9.4. PRODUCT LAUNCH
- 9.5. COMPANY PROFILES
 - 9.5.1. 3M COMPANY
 - 9.5.2. AAVID THERMALLOY LLC
 - 9.5.3. DOW CORNING CORPORATION
 - 9.5.4. EPIC RESINS
 - 9.5.5. HENKEL AG & CO. KGAA

- 9.5.6. HONEYWELL INTERNATIONAL INC.
- 9.5.7. INDIUM CORPORATION
- 9.5.8. LAIRD TECHNOLOGIES, INC.
- 9.5.9. MASTER BOND
- 9.5.10. MOMENTIVE PERFORMANCE MATERIALS INC.
- 9.5.11. PARKER HANNIFIN CORPORATION
- 9.5.12. STOCKWELL ELASTOMERICS, INC.
- 9.5.13. THE BERGQUIST COMPANY, INC.
- 9.5.14. WAKEFIELD-VETTE, INC.
- 9.5.15. ZALMAN TECH CO., LTD.

List Of Tables

LIST OF TABLES

TABLE 1 ASIA PACIFIC THERMAL INTERFACE MATERIAL MARKET BY COUNTRIES, 2017-2024 (\$ MILLION)

TABLE 2 VEHICLE ELECTRIFICATION STANDARDS

TABLE 3 ASIA PACIFIC THERMAL INTERFACE MATERIALS MARKET BY APPLICATION 2017-2024 (\$ MILLION)

TABLE 4 CONCERNS RELATED TO VARIOUS MATERIALS ASSOCIATED WITH THE ELECTRONIC AUTOMOTIVE.

TABLE 5 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN AUTOMOTIVE ELECTRONICS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 6 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN COMPUTERS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 7 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN TELECOM MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 8 MAJORLY USED THERMAL INTERFACE MATERIALS IN TELECOMMUNICATION SECTOR

TABLE 9 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN CONSUMER DURABLES MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 10 CONSUMER DURABLE GOODS SPLIT INTO TWO KEY SEGMENTS

TABLE 11 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN MEDICAL DEVICES MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 12 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN INDUSTRIAL MACHINERY MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 13 ASIA PACIFIC THERMAL INTERFACE MATERIALS IN OTHER APPLICATIONS MARKET 2017-2024 (\$ MILLION)

TABLE 14 ASIA PACIFIC TAPES & FILMS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 15 THERMAL CONDUCTIVITY OF MATERIALS USED FOR METAL TIMS

TABLE 16 ASIA PACIFIC METAL-BASED THERMAL INTERFACE MATERIALS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 17 ASIA PACIFIC GREASES & ADHESIVES MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 18 ASIA PACIFIC PHASE CHANGE MATERIALS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 19 ASIA PACIFIC GAP FILLERS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)

TABLE 20ASIA PACIFIC OTHERS MARKET BY COUNTRIES 2017-2024 (\$ MILLION)
TABLE 21ASIA PACIFIC THERMAL INTERFACE MATERIAL MARKET BY
COUNTRIES 2017-2024(\$ MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 ASIA-PACIFIC THERMAL INTERFACE MATERIAL MARKET BY TYPE, 2016 (\$ MILLION)

FIGURE 2 ASIA-PACIFIC SHARE OF THERMAL INTERFACE MATERIAL MARKET 2016-2024

FIGURE 3 THERMAL INTERFACE MATERIAL MARKET SHARE BY TYPE 2016-2024 (\$ MILLION)

FIGURE 4 INDUSTRIAL MACHINERY MARKET SHARE IN THE ASIA PACIFIC THERMAL INTERFACE MATERIALS MARKET 2016 (\$ MILLION)

FIGURE 5 COST OF HEATING (\$ MILLION)

FIGURE 6 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN AUTOMOTIVE ELECTRONICS MARKET 2017-2024 (\$ MILLION)

FIGURE 7 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN COMPUTERS MARKET 2017-2024 (\$ MILLION)

FIGURE 8 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN TELECOM MARKET 2017-2024 (\$ MILLION)

FIGURE 9 APPLICATION OF THERMAL INTERFACE MATERIAL IN TELECOM INDUSTRY

FIGURE 10 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN CONSUMER DURABLES MARKET 2017-2024 (\$ MILLION)

FIGURE 11 CONSUMER DURABLE MARKET IN INDIA

FIGURE 12 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN MEDICAL DEVICES MARKET 2017-2024 (\$ MILLION)

FIGURE 13 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN INDUSTRIAL MACHINERY MARKET 2017-2024 (\$ MILLION)

FIGURE 14 ASIA-PACIFIC THERMAL INTERFACE MATERIALS IN OTHER APPLICATIONS 2017-2024 (\$ MILLION)

FIGURE 15 ASIA-PACIFIC TAPES & FILMS MARKET 2017-2024 (\$ MILLION)

FIGURE 16 ASIA-PACIFIC METAL BASED THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 17 ASIA-PACIFIC GREASES & ADHESIVES MARKET 2017-2024 (\$ MILLION)

FIGURE 18 PERFORMANCE ANALYSIS OF VARIOUS COMMERCIAL GREASE

FIGURE 19 ASIA-PACIFIC PHASE CHANGE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 20 TEMPERATURE RANGE AND CORRESPONDING ENTHALPY OF

FUSION OF VARIOUS PCM'S

FIGURE 21 ASIA-PACIFIC GAP FILLERS MARKET 2017-2024 (\$ MILLION)

FIGURE 22 ASIA-PACIFIC OTHERS MARKET 2017-2024 (\$ MILLION)

FIGURE 23 CHINA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 24 AUTOMOBILE PRODUCTION IN CHINA FROM 2015 TOTAL 2016 (IN 1,000 UNITS)

FIGURE 25 THE MARKET VOLUME OF LED LIGHTINGS IN CHINA FROM 2013-2015 (\$ BILLION)

FIGURE 26 INDIA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 27 JAPAN THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 28 JAPAN AUTOMOBILE PRODUCTION, 2014-2015

FIGURE 29 SOUTH KOREA THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

FIGURE 30 SOUTH KOREA VEHICLES PRODUCTION 2013-2015 (MILLION UNITS)

FIGURE 31 ROAPAC THERMAL INTERFACE MATERIALS MARKET 2017-2024 (\$ MILLION)

I would like to order

Product name: ASIA-PACIFIC THERMAL INTERFACE MATERIALS MARKET FORECAST 2017-2024

Product link: <https://marketpublishers.com/r/A87A5D3EA0EEN.html>

Price: US\$ 1,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A87A5D3EA0EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970