

**FOR ADDITIONAL INFORMATION  
CONTACT:**

Phone: (518) 452-2880  
E-mail: [info@yincae.com](mailto:info@yincae.com)



**YINCAE Advanced Materials, LLC**

19 Walker Way, Albany, NY 12205

(518) 452-2880

[www.yincae.com](http://www.yincae.com)

**FOR IMMEDIATE RELEASE**

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# Press Release

## **YINCAE Unveils Advanced Liquid Metal Thermal Interface Material with Superior Printability and Reliability – TM 150LM**

(Albany, NY) August 5, 2025 — YINCAE, a leader in electronic material solutions, today announced the launch of its next-generation **Liquid Metal Thermal Interface Material (TIM)**, engineered with **enhanced viscosity properties** to deliver **exceptional performance, processability, and long-term reliability**.

Unlike conventional liquid metal TIMs, which can be difficult to handle and prone to instability at elevated temperatures, YINCAE's new formulation offers **higher viscosity at room temperature**, enabling **precise, easy, and consistent stencil or syringe printing** for streamlined assembly processes.

Critically, the material also maintains **higher viscosity at elevated operating temperatures**, reducing pump-out, flow, or bleed issues often seen in traditional formulations. This unique thermal stability translates into **improved interface integrity and reliability** under harsh thermal cycling and continuous high-temperature environments.

"We developed this advanced liquid metal TIM to address both the application challenges and long-term performance demands of today's high-power electronics," said Dr. Wusheng Yin, CEO at YINCAE. "The improved viscosity profile allows for cleaner, more controlled printing, while maintaining form stability under thermal stress—two key factors for manufacturers seeking high-performance, reliable thermal solutions."

### **Key Features:**

- **High viscosity at room temperature** for improved printability and handling
- **Maintains high viscosity at elevated temperatures** for enhanced reliability
- **Excellent thermal conductivity** ideal for high-power CPUs, GPUs, and power modules
- **Compatible with automated dispensing and stencil printing**

This innovation represents a significant advancement in the field of liquid metal TIMs, where thermal performance often comes at the expense of ease of use and mechanical reliability.

YINCAE's new material bridges that gap, offering manufacturers a practical and scalable solution for next-generation thermal management.

For more information on YINCAE's TM 150LM, or to learn more about the YINCAE product range, please email us at: [info@yincae.com](mailto:info@yincae.com). You can also find more information by visiting our website at: [www.yincae.com](http://www.yincae.com)

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Founded in 2005 & headquartered in Albany, New York, YINCAE Advanced Materials is a leading manufacturer and supplier of high-performance coatings, adhesives and electronic materials used in the microchip & optoelectronic devices. YINCAE products provide new technologies to support manufacturing processes from wafer level, to package level, to board level and final devices while facilitating smarter and faster production and supporting green initiatives.

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