

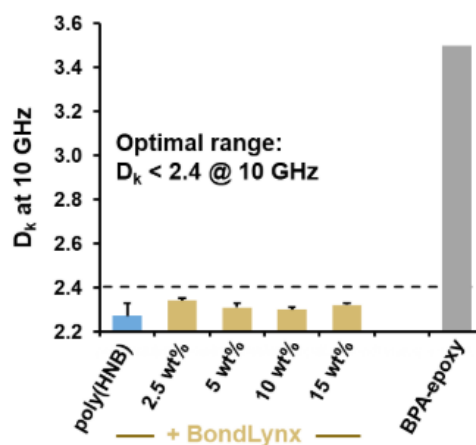
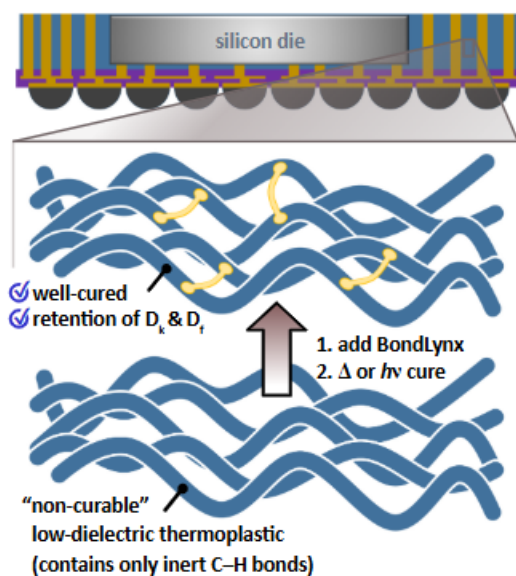


Making Connections: The XLYNX Materials Newsletter June 2025

XLYNX Materials: Unlocking the Future of High-Frequency Electronics

As 6 GHz+ devices redefine modern electronics, demand grows for materials that can keep up. Traditional dielectrics like PTFE offer low-loss performance but are plagued by poor adhesion and processability. That's where XLYNX steps in.

Our latest innovation enables low-loss, high-reliability thermosets using inert hydrocarbon polymers like poly(HNB)—previously considered “unusable” due to their chemical inertness. With our diazirine crosslinkers, we've unlocked ultra-low dielectric constants ($D_k < 2.3$) and dissipation factors ($D_f < 0.001$) at 10 GHz—perfect for advanced PCBs, CCLs, and semiconductor packaging. To learn more about our solutions for the semiconductor industry, [check out our website](#). You can also find this article and other valuable resources there.



Key Advantages:

- Superior Reliability: Maintains dielectric performance after 1600 hrs at 125°C or 1400 hrs at 85°C/85% RH.
- Strong Adhesion: Peel strength to copper increased nearly 4x with our primers—without roughening.
- Precision Photopatterning: Achieves high resolution with excellent contrast and speed.

We're not just improving performance—we're making next-gen electronics more manufacturable. Ready to power your next innovation? [Connect with XLYNX](#) today!

We're Growing, Join Our Team: Senior Business Development - Semiconductor Segment



We're seeking a highly accomplished and self-driven Senior Business Development professional to expand our reach in the semiconductor industry. This remote role requires 10+ years of business development experience in the semiconductor sector, a technical degree, and a proven ability to build strategic customer relationships with IDMs, fabless chip designers, and raw materials suppliers globally. You will be instrumental in developing new business opportunities, providing market feedback to R&D, and representing XLYNX at industry events, all while influencing the company's commercial strategy and success.

[Apply today](#) to join us at the forefront of next-generation semiconductor materials! Know a friend who might be a fit? Share the word!

For questions, pricing and trial information

Contact Us

Missed an edition of *Making Connections*?

The newsletter archive is now available on our website. Check out what you missed!

[Newsletter Archive](#)

We're Here to Help

What adhesion, stabilization or photopatterning challenge is your business facing?

Let's talk.

Our platform of diazirine crosslinking technology is proven to improve performance across a wide range of applications, and can be customized for specific material substrates.

To learn more, contact us at any time:

info@xlynxmaterials.com

Thanks for the read, see you next month!



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