



Making Connections: Perovskites, Product Names and Presentations!

Groundbreaking solar cell research, branding changes, and an upcoming symposium in this month's e-newsletter



Ultra-Stable Perovskite Solar Cells

Recently, our scientists have collaborated with academic researchers to test the effectiveness of BondLynx, our diazine crosslinker, as a stabilizing agent for

perovskite solar cells (PSCs). With the results now published in the scientific journal *Joule*, we're thrilled to get the word out about this remarkable application!

PSCs are a highly anticipated next-gen alternative to conventional solar technology because they're cheaper and easier to produce, lighter-weight, flexible and semi-transparent. The biggest hurdle for the commercial viability of PSC technology has been structural stability; when exposed to environmental stimuli like heat and light, the organic components within PSCs can become unstable and migrate, leading to performance and efficiency losses.

Researchers have discovered that our BondLynx crosslinkers strongly immobilize the organic components within PSCs to prevent this migration effect. In doing so, BondLynx-treated "ultra-stable" PSCs retained remarkable 98%-99% efficiency levels even after 1,000 hours!

[Learn More](#)

In other news...



New Product Names

Our [BondLynx](#) and [PlastiLynx](#) compounds have been re-branded!

BondLynx Gen-I and Gen-III are now **BondLynx BLW-200** and **BLD-201**, while variations of PlastiLynx and PlastiLynx Plus will now be sold as **PlastiLynx PLN-1000, PLN-3000, PLD-1002, and PLD-3003**.



XlynX at CSC 2023

This June, XlynX Materials is sponsoring a symposium on **Strategies for Organic Materials Modifications** at the Canadian Society for Chemistry conference [CSC 2023: Chemistry at the Edge](#) in Vancouver, BC.

Members of the XlynX team will be on-hand to present on our diazirine crosslinking technology,

Regardless of the name, our team of chemists and material scientists will work closely with each of our clients to determine the best BondLynx or PlastiLynx version for their application.

as well as share new research on polymer upcycling and bacteria prevention applications. If you're attending the conference, we encourage you to say hi and attend our sessions for more info!

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