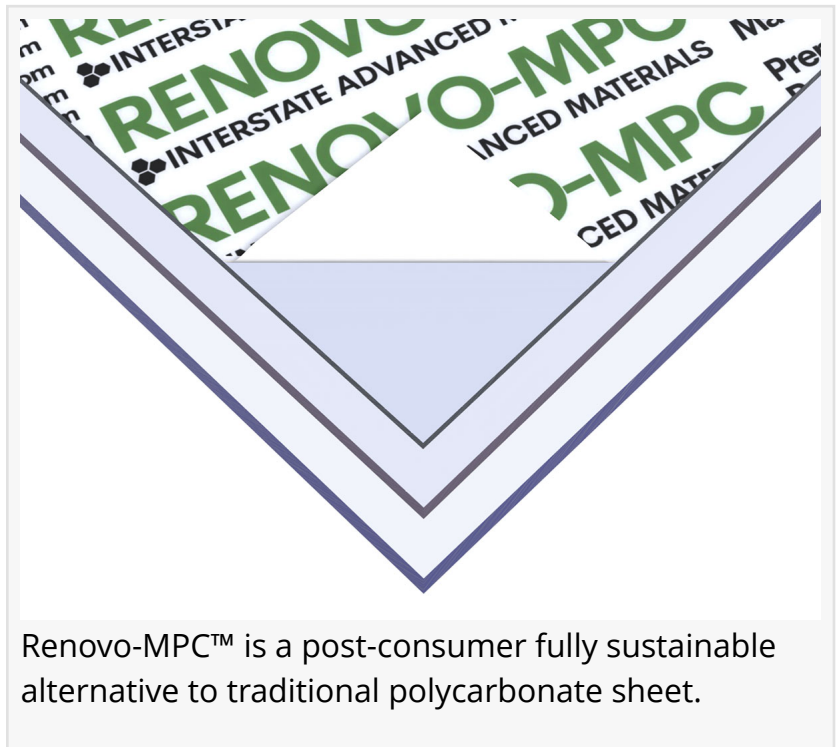


# New Material Solutions Unveiled For Plastec West 2024

*Interstate Advanced Materials showcases performance material solutions for the manufacturing and advanced materials sectors in the wake of Plastec West 2024.*

SACRAMENTO, CA, UNITED STATES, February 12, 2024 /EINPresswire.com/ -- Interstate Advanced Materials showcases performance material solutions tailored for the manufacturing and advanced materials sectors as Plastec West 2024 draws to a close. Plastec West ran from February 6th to February 8th in Anaheim, California. As part of IME West, one of the largest manufacturing events in the US, Plastec West provides industry professionals with a platform that combines educational sessions, networking opportunities, and the latest product innovations.



Renovo-MPC™ is a post-consumer fully sustainable alternative to traditional polycarbonate sheet.

Interstate Advanced Materials is a leading provider to the manufacturing and materials sectors and offers [Renovo-MPC™ post-consumer polycarbonate sheet](#). Renovo-MPC™ is sustainable

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Renovo-MPC™ is sustainable without compromise – made from reclaimed polycarbonate material, it features the same properties as general-purpose polycarbonate.”

*Christopher Isar*

without compromise – made from reclaimed polycarbonate material, it features the same properties as general-purpose polycarbonate. Renovo-MPC™ combines outstanding impact resistance and optical clarity and is a superior and more sustainable alternative to glass. Renovo-MPC™ is extremely versatile, allowing for efficient routing, drilling, bonding, machining, and fabrication processes.

High performance PEEK is known for its exceptional fatigue resistance and thermal stability, even at elevated

temperatures. With superior mechanical and electrical properties, PEEK maintains its integrity in

demanding environments, boasting a maximum continuous working temperature of 480°F and retaining its mechanical properties up to 570°F in steam or high-pressure water conditions. PEEK's properties make it an attractive choice for manufacturing a range of components, including bearings, bushings, connectors, and valve components.

[IPX 2000® UHMW](#) features enhanced abrasion resistance and UV stability. Available exclusively from Interstate Advanced Materials, IPX 2000® is an excellent choice for replacing metal components due to its self-lubricating properties, minimal moisture absorption, and resistance to corrosive chemicals. IPX's remarkable wear resistance and low coefficient of friction make it an optimal choice for high-stress environments including gears, springs, plates, bushings, and housings. Its properties help extend the service life of parts and reduce both maintenance costs and energy consumption.

Delrin® acetal homopolymer is preferred for manufacturing applications due to its high strength, dimensional stability, and resistance to moisture, chemicals, and solvents. Delrin®'s rigidity and toughness prevent brittleness even under prolonged exposure to harsh conditions, including extreme temperatures. Delrin® excels in wet environments and can be used in hot water applications reaching up to 140°F without any hydrolysis effect. Delrin® is well-suited for parts such as bearings, gears, pump parts, and conveyor links.

GS grade nylon (Nylatron GS) is formulated to enhance the mechanical, thermal, and bearing properties of standard nylon while preserving its electrical and chemical characteristics. Nylatron GS delivers greater wear resistance, reduced surface friction, and increased strength and rigidity. Components manufactured from Nylatron GS operate with minimal to no lubrication, extending their service life beyond that of alternative materials. Nylatron GS sees use in applications like fasteners, converter components, electrical insulators, and seals, and excels in diverse industrial settings.

Interstate Advanced Materials looks forward to collaborating with manufacturing and materials professionals after Plastec West 2024 to find solutions that address the industries' most pressing challenges. The company remains dedicated to helping manufacturing and related specialists expand their knowledge of the advantages offered by plastics and composite materials. Manufacturing and materials professionals seeking ways to reduce their material costs can [save 30%+ on performance materials and more](#) with an Interstate Advanced Materials membership.

Interstate Advanced Materials is a full-line distributor of sheet, rod, tube, bar, film, profile, and accessories, tools, and care products. With 10 locations nationwide and an online sales and support team, Interstate Advanced Materials provides full sheets and pallets, simple cut-to-size service, and complex CNC manufacturing. Interstate Advanced Materials is known for its reputation of selling high-quality products, providing excellent customer service, and superior technical support. Our products and services are available using the safe, secure, and convenient purchasing system on the Interstate Advanced Materials website. For instant help, we're always a phone call away at (800) 742-3444.

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