

## DEMI at PACKCON: Showcasing High Quality Absorbent Pad Solutions for Sustainable Food Packaging



**Zhuhai, Guangdong May 20, 2026** ([IssueWire.com](https://www.issuewire.com)) - The global food packaging landscape is undergoing a profound transformation, driven by an intensified focus on food safety, shelf-life extension, and environmental stewardship. As consumer preferences shift toward fresh, minimally processed proteins and produce, the industry is seeking advanced materials that can maintain product integrity

without compromising sustainability goals. At the heart of this evolution is the critical management of moisture and fluids within packaging. Against this backdrop, the upcoming PACKCON exhibition serves as a pivotal stage for innovators. Demi Co., Ltd., leveraging over two decades of technical expertise, is set to demonstrate how its **High Quality Absorbent Pad** solutions are redefining the standards for functional food packaging.

## **A Legacy of Innovation in Super Absorbent Polymers**

Founded in 2003, [Demi Co., Ltd.](#) has spent more than 20 years refining the science of fluid management. The company's journey began with a deep dive into Super Absorbent Polymers (SAP), a specialized field requiring high precision and a rigorous understanding of chemical engineering. Today, with a dedicated workforce of over 200 professionals and a robust infrastructure featuring 80 production lines, Demi has scaled its operations to meet the increasing global demand for sophisticated absorbent materials.

The core of Demi's strength lies in its integrated approach to Research and Development. By maintaining control over the entire production process—from the synthesis of polymers to the final conversion of absorbent pads—the company ensures that every product meets stringent quality benchmarks. This commitment is validated by numerous patents and international quality system certifications, positioning the company as a dependable partner for enterprises seeking reliable absorbent products.

## **The Crucial Role of Absorbency in Modern Food Supply Chains**

In the meat, poultry, and seafood sectors, the management of "purge"—the natural juices that leak from proteins—is a significant challenge. Excessive moisture within a package not only detracts from the visual appeal of the product but also accelerates microbial growth, leading to premature spoilage. This is where the technical application of the **High Quality Absorbent Pad** becomes indispensable.

Modern food logistics chains are becoming longer and more complex. To ensure that a steak or a fillet of salmon remains fresh from the processing facility to the consumer's kitchen, the packaging must perform multiple roles. It must act as a barrier, a structural support, and an active environment regulator. Demi's absorbent solutions are engineered to lock away excess fluids effectively, thereby reducing the risk of cross-contamination and maintaining the structural integrity of the primary packaging.

## **Technical Superiority: What Defines a High Quality Absorbent Pad?**

Quality in the context of food-grade absorbents is measured by three primary factors: absorption capacity, retention under pressure, and safety compliance. Demi's products are designed to excel in each of these areas.

**Absorption Speed and Capacity:** The pads utilize advanced SAP technology to rapidly wick away fluids, ensuring the surface of the food remains dry. This is critical for preventing "tissue softening" in meats.

**Retention Under Pressure:** In a typical retail environment, packages are often stacked. A low-quality pad might release absorbed fluids when squeezed. Demi's engineering ensures that once the fluid is absorbed, it is converted into a stable gel that remains trapped within the pad structure.

**Material Safety:** Given the direct contact with food, the materials used must be non-toxic and

compliant with international food safety standards. Demi's rigorous adherence to quality systems ensures that their pads are safe for use across a wide variety of perishable goods.

## **Sustainability and the Drive for Greener Packaging**

One of the most significant trends highlighted at PACKCON is the industry-wide move toward sustainability. The "circular economy" is no longer a buzzword but a requirement for modern manufacturers. For Demi, sustainability involves optimizing material usage and improving the efficiency of the supply chain. By extending the shelf life of food products, these absorbent pads play a direct role in reducing food waste—a major contributor to global carbon emissions.

Furthermore, Demi is actively exploring the use of more eco-friendly substrates and biodegradable components in their product lines. The goal is to provide a solution that protects the food effectively while minimizing the environmental footprint of the packaging after its functional life is over. Visitors to PACKCON will see firsthand how Demi balances these functional requirements with the growing demand for "green" materials.

## **Versatile Applications Across Diverse Sectors**

While the meat and poultry industries are the primary users of absorbent technology, Demi's reach extends far beyond. The versatility of their 80 production lines allows for the customization of pads for various specialized applications:

**Seafood Packaging:** Handling the high brine and moisture content of fresh fish requires pads with specific salt-resistance properties.

**Fruit and Vegetable Protection:** Delicate produce often requires moisture regulation to prevent mold growth while maintaining humidity to avoid dehydration.

**Medical and Laboratory Use:** The same high-precision SAP technology used in food packaging is adapted for the safe transport of biological samples and medical waste.

This breadth of application highlights Demi's role as a comprehensive supplier for both super absorbent polymer needs and finished absorbent products. Their ability to tailor the size, thickness, and absorption levels of the pads makes them a preferred partner for global food processors and packaging distributors.

## **Strategic Partnerships and Global Reach**

Operating from its sophisticated manufacturing base, Demi has established a presence that transcends domestic borders. The company's growth is built on a foundation of transparency and reliability. By providing consistent quality, they have earned the trust of major players in the global food industry.

At PACKCON, the focus will not only be on the products themselves but on the collaborative process Demi offers its clients. From initial consultation and material selection to high-volume production and logistical support, the company provides a seamless experience for businesses looking to upgrade their packaging performance. The 20-year history of the company serves as a testament to its resilience and its ability to adapt to the shifting needs of the market.

## **Looking Toward the Future of Functional Packaging**

As we look ahead, the integration of "smart" features into packaging is becoming a reality. Future iterations of absorbent pads may include indicators for freshness or antimicrobial properties that actively combat bacteria. Demi's R&D team remains at the forefront of these developments, ensuring that their product roadmap aligns with the future of the industry.

The participation in events like PACKCON is a clear indication of Demi's commitment to industry engagement and continuous improvement. By interacting with other leaders in the packaging space, the company continues to refine its offerings, ensuring that they remain a cornerstone of food safety and quality assurance.

The evolution of food packaging is a journey toward higher efficiency, better safety, and lower environmental impact. Through the application of deep technical knowledge and a long-term vision, Demi Co., Ltd. continues to provide the essential components that make this progress possible. Their focus on precision-engineered absorbency ensures that as the world's food systems grow more complex, the solutions to keep them safe remain simple, effective, and reliable.

To learn more about how advanced absorbency solutions can enhance your packaging operations or to view the full range of certified products, visit the official company website at <https://www.demi.com.cn/>.

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