

FOR IMMEDIATE RELEASE

Media Contact:

Yunfei Xia 夏云飞

Kunshan Aosenmusi New Materials Technology Co., Ltd
昆山奥森木司新材料科技有限公司

18896655899@163.com

Kunshan Aosenmusi New Materials Technology Co., Ltd Earns USDA Certified Biobased Product Label

昆山奥森木司新材料科技有限公司获得美国农业部认证生物基产品标签

KUNSHAN, January 29, 2025 — Kunshan Aosenmusi New Materials Technology Co., Ltd announced today that it has earned the U.S. Department of Agriculture (USDA) Certified Biobased Product Label for Greenmelt.

Greenmelt是一款具有高生物基含量的热熔胶，其61%的成分来自生物基，且生物基主要源于淀粉。它兼具热熔胶的一般特性，在常温下为固态，加热到一定温度时会转变为液态，呈现出良好的流动性和粘性，可方便地涂布在各种需要粘接的材料表面，冷却后能迅速固化，形成牢固的粘接效果，实现不同材料间的可靠连接。

产品优势

- 环保性能优越：高比例的生物基成分使其相较于传统石化基热熔胶更加环保，减少了对石油等不可再生资源的依赖，降低了碳排放，在生产使用过程中对环境更加友好。
- 良好的粘接性能：能够在多种材料上实现牢固粘接，包括纸张、木材、织物、塑料等常见材料，可满足不同行业的粘接需求。
- 稳定性高：生物基成分赋予了它较好的稳定性，在不同的环境条件下，如温度、湿度变化时，依然能保持较好的性能，不易出现脆化、开裂或粘性下降等问题。
- 可再生资源利用：以淀粉为主要生物基来源，淀粉是一种可再生资源，来源广泛且可持续，确保了原材料的稳定供应，符合可持续发展的趋势。

生物基成分及创新相关信息

- 生物基成分：淀粉经过一系列的加工和转化，被应用到热熔胶的生产中，成为Greenmelt的核心生物基原料。
- 创新方面：Greenmelt在研发过程中，攻克了将淀粉高效转化为可用生物基材料的技术难题，以及解决了生物基成分与其他非生物基成分的兼容性问题，从而实现了高比例生物基成分在热熔胶中的应用，为热熔胶行业的绿色发展提供了新的思路和方向。

The Greenmelt can now display a unique USDA label that highlights its percentage of biobased content. Third-party verification for a product's biobased content is administered through the USDA BioPreferred® Program, which strives to increase the development, purchase, and use of biobased products.

Biobased products help address climate change by offering renewable alternatives to petroleum-based products; sequester carbon dioxide, lowering the concentration of greenhouse gasses in the atmosphere that contribute to climate change; create and expand markets; are generally safer for people and the environment than their petroleum-based counterparts; and represent incredible technological advances and innovations.

The USDA Certified Biobased Product Label displays a product's biobased content, which is the portion of a product that comes from a renewable source, such as plant, animal, marine, or forestry feedstocks. Utilizing renewable biobased materials displaces the need for non-renewable petroleum-based chemicals. Biobased products are cost-comparative, readily available, and perform as well as or better than their conventional counterparts.

“ USDA生物基标签就像是Greenmelt的一张绿色名片，清楚地告诉我它含有61%的生物基成分，它的生物基成分是经过严格检测和验证的，让我们消费者知道自己选择的是一款对环境更友好、更可持续的产品，内部含有大量的生物基成分，既保证了粘接效果，又符合环保理念，简直是一举两得。 ” .

"We applaud Kunshan Aosenmusi New Materials Technology Co., Ltd for earning the USDA Certified Biobased Product Label," said Vernell Thompson, USDA BioPreferred Program. "The label is intended to help spur economic development, create new jobs, and provide new markets for farm commodities. But the label also makes it easier for consumers and federal buyers to locate biobased products and consider planet-friendlier options during purchase decisions. By having their products become USDA Certified Biobased, Kunshan Aosenmusi New Materials Technology Co., Ltd joins an expanding list of businesses combatting inaccurate marketing claims and the practice of greenwashing, while also contributing to a thriving bioeconomy that decreases our reliance on petroleum."

In the latest Economic Impact Report released by USDA, the biobased products industry supported 4.6 million American jobs; contributed \$470 billion to the U.S. economy and generated 2.79 jobs in other sectors of the economy for every biobased job. Biobased products also have a substantial environmental impact, displacing about 9.4 million barrels of oil a year, with the potential to reduce greenhouse gas emissions by an estimated 12.7 million metric tons of CO2 equivalents per year.

###

About Kunshan Aosenmusi New Materials Technology Co., Ltd:

昆山奥森木司新材料科技有限公司是一家领先的新型环保材料科技公司，专注于研发和生产生物基胶粘剂。公司致力于通过创新的绿色化学技术，为全球市场提供可持续的粘合剂解决方案，减少传统胶粘剂对环境的影响，同时满足工业和消费者对高性能胶粘剂的需求。

About the USDA BioPreferred Program

With the goal of increasing the development, purchase, and use of biobased products, USDA's BioPreferred® Program was first introduced in the 2002 Farm Bill and reauthorized in 2018. It requires federal agencies and contractors to give purchasing preference to biobased products. The USDA BioPreferred Program also includes a voluntary certification and labeling initiative for biobased products. This is referred to as the USDA Certified Biobased Product Label.

More than 1,800 companies across the U.S. and in 47 countries participate in the Program. From farm and field all the way through the manufacturing process, the expanding market for biobased products creates jobs, supports rural economic growth in America, and has a positive impact on our planet. Have questions? Please contact: Vernell Thompson, USDA BioPreferred Program at Vernell.Thompson@usda.gov.