

Performance Compounds and Formulations 高性能化合物及配方



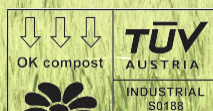
- High-performance biobased and compostable formulations
- Product and packaging solutions for the food service, apparel, and agricultural industries
- Environmentally friendly alternatives to conventional plastics
- Global product development and manufacturing capabilities
- Full service technical and program support

- 高性能生物基和可堆肥配方
- 食品服务、服装和农业的产品和包装解决方案
- 传统塑料的环保替代品
- 全球产品开发和制造能力
- 全方位服务，技术和项目支持

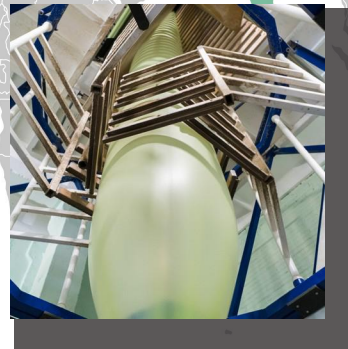
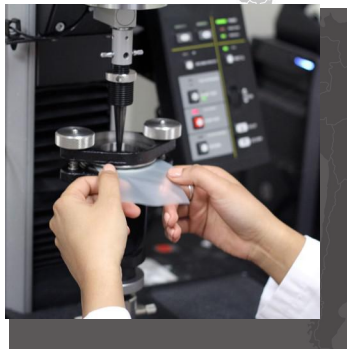
Natur-Tec® Bioresins

Resin Platform 树脂类型	Process 工艺	Product Applications 产品应用
BF703B-X	Film薄膜	Shopper bags, food scrap and lawn collection liners, apparel flat bags, mulch films, lamination film/sealant layer for paper and paper foil 采购袋、食品废料和草坪垃圾收集衬垫、服装平袋、覆盖膜、纸和纸箔的复合膜/密封层
BF5001-X	Sheet/Profile Extrusion 板材/型材挤压	Straws, thermoforming applications (lids, cups, etc.) 吸管、热成型应用（盖子、杯子等）
BF3002HT	Injection Molding 注射模塑	In-mold and two step high heat cutlery, apparel hangers, agricultural vine clips 模内和两步高温餐具、衣架、农用藤条夹
BF3001J	Extrusion Coating 挤压涂层	Food service paper products 食品服务用纸制品

Certifications 认证



Global Research & Development, Production, and Distribution 全球研发、生产和分销



World-Class Expertise

- Experienced R&D team dedicated to product innovation, manufacturing support, quality control, and sales support
- Strategic collaboration with Michigan State University, the premier institute for research on Advanced Biobased Materials
- Projects funded by NSF and DoD

世界一流的专业能力

- 致力于产品创新、制造支持、质量控制和销售支持的资深研发团队
- 与密歇根州立大学进行战略合作，密歇根州立大学是先进生物基材料研究的领导机构
- 国家科学基金和国防部资助的项目

Global Capabilities

- Fully equipped R&D laboratories in Minnesota and Ohio, USA
- Compounding Facility and Technical Center in Zhejiang, China
- Application Development Center in Chennai, India
- Finished Product manufacturing partners in USA, China, India, Malaysia and Italy

全球范围内的研发能力

- 位于美国明尼苏达州和俄亥俄州研发实验室，设备齐全
- 位于中国浙江省的复合设备技术中心
- 位于印度金奈的应用研发中心
- 美国、中国、印度、马来西亚和意大利的成品制造商合作伙伴

Product End of Life Focus - Composting 产品生命周期结束：重点-堆肥



Start/ 初始状态



1 Week/ 一周后



2 Weeks/ 2周后



Weeks
3周后



3 Weeks/ 4周后



6 Weeks/ 6周后

Film made from Natur-Tec® resins is fully compostable in compliance with **ASTM D6400** and **EN 13432**. Composting is the biological process of breaking up organic matter such as food, food scraps, leaves, grass trimmings, paper, bioplastics and more, resulting in biomass (nutrient rich soil amendments).

由Natur-Tec®树脂制成的薄膜完全可堆肥，符合ASTM D6400和EN 13432规范。堆肥是一种生物过程，分解有机物质，如食物、食物残渣、树叶、草屑、纸张、生物塑料等，产生生物量（富含养分的土壤改良剂）。