

## Performance Compounds and Formulations

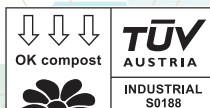


- High-performance biobased and compostable formulations
- Product and packaging solutions for the food service, apparel, and agricultural industries
- Environmentally friendly alternatives to conventional plastics
- Global product development and manufacturing capabilities
- Full service technical and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

# Natur-Tec® Bioresins

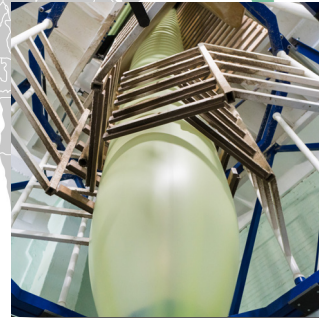
Resin Platform	Process	Product Applications
<b>7000 Series</b>	Film	Shopper bags, food scrap and lawn collection liners, apparel flat bags, mulch films, lamination film/sealant layer for paper and paper foil
<b>5000 Series</b>	Sheet/Profile Extrusion	Straws, thermoforming applications (lids, cups, etc.)
<b>3000 Series</b>	Injection Molding	In-mold and two step high heat cutlery, apparel hangers, agricultural vine clips
<b>2000 Series</b>	Extrusion Coating	Food service paper products

## Certifications



# High-Performance Biobased and Compostable Formulations

## Global Research & Development, Production, and Distribution



### 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

### 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

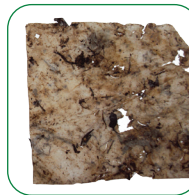
### Product End of Life Focus - Composting



Start



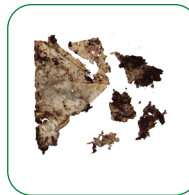
1 Week



2 Weeks



3 Weeks



4 Weeks



6 Weeks

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).