

## NatureGrade™ CPLA, rated +250°F to - 10°F, receives BPI “Component” Compostability Certification

Advanced Extrusion, Inc., Rogers, MN, has received the Biodegradable Product Institute’s “Component” compostability certification for its NatureGrade™ CPLA oxygen barrier sheet in six different colors (brown, dark brown, white, dark green, black and beige). The advantages this product offers over other plastics used in the thermoforming industry are significant.

Historically, products made from plant-based plastics have fallen short of PET in critical areas such as density, polarity, heat resistance and as a barrier against moisture, oxygen and other gases. Advanced Extrusion engineered additives in its NatureGrade™ crystallized PLA that addressed many of these critical shortcomings and expanded the temperature range of the product from 250°F down to minus 10°F. This opens the door for use of this product in manufacturing thermoformed, broad-function food containers. All components used to manufacture NatureGrade™ CPLA are lawful under U.S. Food and Drug Administration 21 CFR 177.1630, along with Europe raw material 1935/2004/EEC and Regulation 10/211.

In concert with our commitment to providing “greener” environmental solutions to the plastics industry, six different colors of NatureGrade™ CPLA oxygen barrier sheet were submitted to the Biodegradable Products Institute for testing and certification related to “component compostability.” BPI certifies to ASTM 6400 and includes rigorous testing on plant toxicity and heavy metals. **Receiving this certification simplifies and accelerates our customers ability to get BPI certification on formed products made from NatureGrade™ CPLA oxygen barrier sheet.** (Note: Additional colors can be submitted for certification and made available as required.)

Advanced Extrusion is committed to producing products that perform with environmental consciousness. These advancements are on the forefront in making significant contributions that address the reduction of greenhouse gases, landfill shortages and the utilization of sustainable resources to satisfy the nation’s need for plastics.

For more information contact Alex Thibado at 763-316-6636

NatureGrade™ is a trademark of Advanced Extrusion, Inc.

Related Link: <http://www.advancedextrusion.com/aei-naturegrade-cpla.html>



**COMPOSTABLE**  
IN INDUSTRIAL FACILITIES

Check locally, as these do not exist in many communities. **Not suitable for backyard composting.** CERT # 10528811