



*Advance*  
BIO Material

(RAW MATERIALS DIVISION)



Save **NATURE**  
and your business as well

## EXTRUSION & BAGMAKING GRADES

Product Grade Name	Properties	Applications
ADFLEX-FT-1	<ul style="list-style-type: none"> <li>• Excellent mechanical properties</li> <li>• High strength</li> <li>• Easy to process</li> <li>• Slightly opaque</li> </ul>	Blown Films, Carry Bags, Shopping Bags, Roll on Bags, Garbage Bags
ADFLEX-FT-1 -Eco (Blend)	<ul style="list-style-type: none"> <li>• Excellent mechanical properties</li> <li>• Cost competitive</li> </ul>	Blown Films, Carry Bags, Shopping Bags, Roll on Bags, Garbage Bags
ADFLEX-FT-2	<ul style="list-style-type: none"> <li>• Easy to process</li> <li>• Cost competitive</li> <li>• High strength</li> </ul>	Blown Films, Carry Bags, Shopping Bags, Roll on Bags, Garbage Bags
ADFLEX-FT-3	<ul style="list-style-type: none"> <li>• Excellent mechanical properties</li> <li>• Can be used for making blend for multilayer film</li> <li>• Very good sealing properties</li> </ul>	Clear Film and Sheet, Multilayer Film, High Strength Film, Blown Films, Carry Bags, Shopping Bags, Grocery Bags
ADFLEX-FT-4	<ul style="list-style-type: none"> <li>• Excellent transparency</li> <li>• Can be used for making blend</li> <li>• Excellent sealing properties</li> <li>• Very good rigidity</li> </ul>	Multilayer Film, To get more Clarity and Stiffness, For making Blend
ADFLEX-FT (Transparent Blend)	<ul style="list-style-type: none"> <li>• Excellent transparency</li> <li>• Excellent sealing properties</li> <li>• Easy to process</li> </ul>	Transparent Bags, Garment Bags



## INJECTION MOLDING GRADES

Product Grade Name	Properties	Applications
ADFLEX-FT-5 (General Purpose)	<ul style="list-style-type: none"> <li>• Easy to process</li> <li>• Excellent mechanical properties</li> <li>• Suitable for general purpose injection molding</li> </ul>	Spoons, Forks, Knives, Stirrers
ADFLEX-FT-5 (High Melt Flow)	<ul style="list-style-type: none"> <li>• High melt flow</li> <li>• Easy to process</li> <li>• Excellent mechanical properties</li> <li>• Suitable for multicavity and thin wall applications</li> </ul>	Small Injection molded containers, Tray, Tubs, Covers
ADFLEX-FT-5 (High Heat)	<ul style="list-style-type: none"> <li>• Good thermal stability</li> <li>• Suitable for high heat applications</li> </ul>	Spoons, Fork, Knives, Stirrers etc. for use with hot foods



## HOME COMPOSTABLE GRADE

Product Grade Name	Properties	Applications
ADFLEX-FT Home Compost	<ul style="list-style-type: none"> <li>• Suitable for home composting &amp; Industrial composting</li> <li>• More than 40% bio-based carbon</li> <li>• High strength</li> <li>• Easy to process</li> </ul>	Carry Bags, Shopping Bags, Roll on Bags, Garbage Bags



## THERMOFORMING GRADES

Product Grade Name	Properties	Applications
ADFLEX-FT-6-Clear (General Purpose)	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Suitable for general purpose applications</li></ul>	Glasses, Cups, Trays, Plates
ADFLEX-FT-6-Clear (High Heat)	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Suitable for high heat applications</li></ul>	Glasses, Cups, Trays, Plates etc. for use with hot foods
ADFLEX-FT-6-Opaque (General Purpose)	<ul style="list-style-type: none"><li>• Cost competitive</li><li>• Suitable for high strength applications</li></ul>	Glasses, Cups, Trays, Plates
ADFLEX-FT-6-Opaque (High Heat)	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Cost competitive</li></ul>	Glasses, Cups, Trays, Plates etc. for use with hot foods



## STRAW GRADES

Product Grade Name	Properties	Applications
ADFLEX-FT-7	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Excellent mechanical properties</li><li>• Flexible to bending</li></ul>	Straight Straw and Bent Straw



## 3D PRINTER FILAMENT GRADE

Product Grade Name	Properties	Applications
ADFLEX-FT-8 (Filament Grade)	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Low printing temperature</li><li>• Easy post processing</li><li>• Variety of colors and blending</li><li>• Biodegradable</li></ul>	Manufacturing of Filament for 3D Printers



## FILLER MASTERBATCH

Product Grade Name	Properties	Applications
ADFLEX FT-F	<ul style="list-style-type: none"><li>• Good dispersion</li><li>• Mechanical strength improvement</li><li>• Cost reduction</li></ul>	Can be used for blending, Blown films, Carry bags, Shoppings bags, Roll on bags, Garbage bags



## COLOUR MASTERBATCH

Product Grade Name	Properties	Applications
ADFLEX FT-CMB	<ul style="list-style-type: none"><li>• Good dispersion</li><li>• Low dosage</li></ul>	Can be used for blown film, Injection molding, Thermoforming





## ABOUT US

Advance Bio Material Co. Pvt. Ltd. is an innovator and is dedicated to developing high-performance Bioplastics in India. Our passion is in delivering functional bio-polymers and its products to our customers who perform in their own markets and meet product performance criteria at a reasonable cost and deliver great bio-credentials.

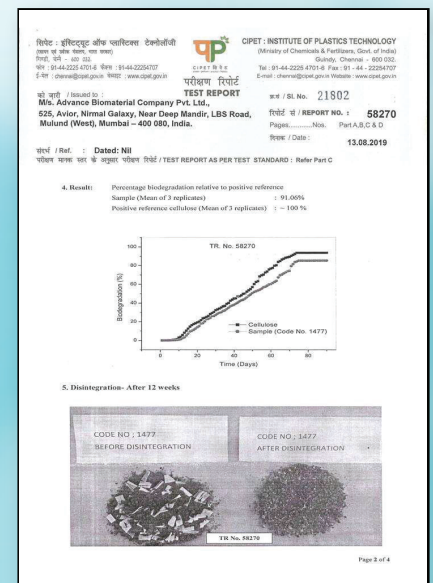
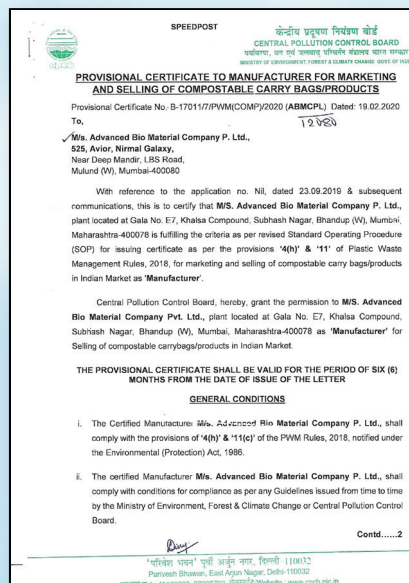
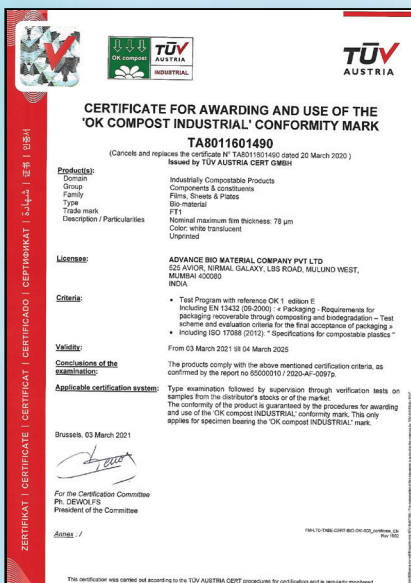
Our business is backed by vast experience in developing high-quality materials in this sector. Our high caliber team members have a wealth of polymer experience and pride themselves on a fundamental understanding of how our materials perform at its best both technically and in our customers' markets.

We are committed to provide all necessary support to our customers, starting from selecting the right product, trials and testing, its conversion, performance on further packaging, usage, technical, legal and composting requirements.

## BIOPLASTICS RAW MATERIALS

ADFLEX Bioplastics raw materials is derived from natural, renewable resources and is optimized for its performance. It faces a major challenge in terms of comparative performance against conventional plastics and cost. We are continually working to meet these challenges by developing cost competitive high-performance Bioplastics raw materials.

Our ADFLEX Bioplastics raw materials are 100% compostable and biodegradable within 180 days. They can be fully decomposed into carbon dioxide, water and minerals, which in turn is good for crops causing no harm and toxicity to the farmland and conforms to International Standards-EN13432 and ISO17088:2012.



## ADVANCE BIO MATERIAL CO. PVT. LTD.

📍 525, Avior, Nirmal Galaxy LBS Marg, Mulund-West, Mumbai-400080, Maharashtra, India  
📞 9137907716 / 8591996318 / 9372469514 / 022 25909001 | 📧 info@advancebioplast.com

Branches at Ahmedabad, Chennai & Delhi

## INTERNATIONAL DIVISION

### THAILAND

📍 Advance Bioplast Far East Co. Ltd | 📧 fareast@advancebioplast.com