



## 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 nearly 10 years of 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.

Some of the products developed by our scientists are under patent registration and meet international quality standards.

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.



**Save NATURE**  
and your business as well

**Advance Bio Material Co. Pvt. Ltd.**

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# BIOPLASTICS RAW MATERIAL



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 material.

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.

SR. NO.	PRODUCT GRADE NAME	PROPERTIES	APPLICATIONS
1	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
2	ADFLEX FT-2	<ul style="list-style-type: none"><li>• Easy to process</li><li>• Low Cost</li><li>• Ready to use</li></ul>	Blown Films, Carry bags, Shopping bags, Roll on bags, Garbage bags
3	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, Carrys bags, Shopping bags, For making blend
4	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
5	ADFLEX FT-5	<ul style="list-style-type: none"><li>• Injection molding grade</li><li>• Good melt flow</li><li>• Easy to process</li><li>• Excellent mechanical properties</li></ul>	Spoon, Fork, Knife, Stirrer, Small injection molded articles
6	ADFLEX FT-6	<ul style="list-style-type: none"><li>• Thermoforming grade</li><li>• Easy to process</li><li>• Excellent mechanical properties</li></ul>	Cups, Trays, Plates
7	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
8	ADFLEX FT-CMB	<ul style="list-style-type: none"><li>• Good Dispersion</li><li>• Low Dosage</li></ul>	Colours available-White, Black, Blue, Green, Yellow, Red/Pink etc. Can be used for blown film, Injection molding, Thermoforming