

## Advance Bio Material By Innovation for Greener Earth

Advance Bio Material Company Pvt. Ltd. is involved only in developing Bioplastics, and all our products are Biodegradable and Compostable and are developed from natural resources.

ADFLEX-FT-4-Clear is a compound made from PLA. It is used to improve the film clarity, rigidity, it has excellent sealing properties.

### Appearance

- Crystalline White Pellets(Visual)

### Features

- Biodegradable and Compostable
- Excellent property

### Applications

- Blending/Compounding/Thermoforming

### Data Sheet of Raw Material ADFLEX-FT4-Clear

Properties	Test Methods	S.I units	Values
Tensile Strength	ISO 527-1	MPa	45
Tensile Modulus	ISO 527-1	MPa	3500
Elongation at break	ISO 527-1	-	Max. 5%
Charpy notched impact, 23°C	ISO 179-1eA	kJ/m <sup>2</sup>	Max. 5
Melting Temperature	DSC	°C	155
Glass Transition Temperature	DSC	°C	55 - 60
Density	ISO1183	g/cm <sup>3</sup>	1.24
Melt Flow Rate (190°C/2.16Kg)	ISO1133-A	g/10min	3
Melt Flow Rate (210°C/2.16Kg)	ISO1133-A	g/10min	8

**Note: Typical properties, not to be interpreted as specifications.**