

## Advance Bio Material By Innovation for Greener Earth

Advance Bio Material Company P.Ltd is involved only in developing Bio Plastic, and all our products are bio degradable and compostable and developed from natural resources.

ADFLEX FT2 is designed for making film and bags with little softer feel and requiring good draw down. This material is having little light yellow colour. Ideally suited for garbage bags, bag on roll, and mulch film.

### Features

- Biodegradable and compostable
- Excellent property

### Applications

- Blowing Films

### Data Sheet of Raw Material ADFLEX-FT2

Properties	ASTM	Test Conditions	S.I units	Values
<b>Mechanical</b>				
Tensile Strength	D638	50mm/min	MPa	12
Elongation	D638	50mm/min	%	300
Flexural Strength	D790	2mm/min	MPa	5
Flexural Modulus	D790	2mm/min	MPa	180
Impact Strength, IZOD notched	D256	4mm, 23°C	KJ/m <sup>2</sup>	NB
<b>Thermal</b>				
Heat Distortion Temp.	D648	1.8MPa, 6.4mm	°C	<50
<b>Others</b>				
Melt Flow Rate	D1238	200°C, 2.16Kg	g/10min	2.9
Specific Gravity	D792	23°C	g/cm <sup>3</sup>	1.29
Mold Shrinkage	D955	23°C	%	0.4-0.6