

**Advance Bio Material**  
By Innovation for **Greener Earth**

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

This material is designed to have good melt flow, excellent mechanical properties and it is easy to process for making thermoformed product like Cups, Trays, Plates etc.

**Data Sheet of Raw Material: ADFLEX-FT-6**

**Product Description:**

Features	Applications
<ul style="list-style-type: none"> <li>Compostable and Biodegradable</li> </ul>	<ul style="list-style-type: none"> <li>Excellent Property</li> </ul>
<ul style="list-style-type: none"> <li>Food Contact</li> </ul>	<ul style="list-style-type: none"> <li>Thermoforming</li> </ul>

**Typical Properties:**

Properties <sup>[1]</sup>		ASTM	S.I. Units	S.I Typical Values
<b>Mechanical Properties</b>	Tensile Strength	D882	MPa	53
	Tensile Yield Strength	D882	MPa	60
	Tensile Elongation	D882	%	6.0
	Tensile Modulus	D882	GPa	3.5
	Impact Strength, IZOD notched	D256	J/m	16
<b>Thermal</b>	Heat Distortion Temperature	E2092	°C	55
<b>Others</b>	Melt Flow	D1238	g/10min	6
	Specific Gravity	D792	g/cm <sup>3</sup>	1.24
	Clarity	Transparent		

Note: Typical properties at standard test conditions.