

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.

This material is designed to have excellent mechanical properties for making high strength bags and so reducing thickness requirements for same performance. This can be processed on any conventional blown film line without any modification.

Features

- Biodegradable and compostable
- Excellent mechanical property

Applications

- Blowing Films
- Bags

Data Sheet of Raw Material ADFLEX-FT1

Properties	Test Methods	Test Conditions	S.I units	Values
Material				
Melt Flow Rate	ISO 1133	190°C, 2.16Kg	g/10min	2.0~6.0
Specific Gravity	ISO 1183	23°C	g/cm ³	1.36-1.39
Melt Point	DSC	-	°C	110~120 145~155
Film			Thickness 18 um	
Tensile strength MD/TD	ISO 527	23°C	MPa	22/20
Elongation at Break MD/TD	ISO 527	23°C	%	400/450
Tear Strength MD/TD	DIN EN ISO 6383-2	23°C	mN	1050/1250
Dart Drop	ASTM D 1709-04	23°C	g	250