

Production Description:**FEATURES**

- 100% Compostable & Biodegradable
- Excellent Transparency
- Excellent Sealing Properties

APPLICATIONS

- Multilayer Film
- To get more Clarity & Stiffness
- For making blend

Typical Properties

Properties	Test Method	Test Conditions	S.I. Units	Values
Melt Flow	D1238	Blow Moulding	g/10min	3.2
Specific Gravity	D792	23°C	g/cm ³	1.24
Mold Shrinkage	D955	23°C	%	0.4 ~ 0.6
Flexural Strength	D790	2mm/min	MPa	50
Flexural Modulus	D790	2mm/min	MPa	2100
Heat Distortion Temp.	D648	1.8MPa, 6.4mm	°C	53
Tensile Strength	D638	50mm/min	MPa	45
Elongation	D638	50mm/min	%	8
Impact Strength, IZOD notched	D256	4mm, 23°C	KJ/m ²	9.5

[1] Not to be construed as specifications.

[2] The listed values are measured by test specification and used for referential purpose only.

Storage Conditions:

Temperatures during transportation and storage may not exceed 70°C at any time. Storage time in an unopened bag may not surpass 12 month at room temperature (23°C).

Processing Information & Recommendations:

ADFLEX FT 4 grade can be processed on a conventional extrusion machines.

Processing Conditions:

Setting	Range	
Melt Temp.	145-175°C	
Barrel Zone Temp.	Rear	140-160°C
	Centre	155-180°C
	Front	165-190°C
Mold Temp.	30-50°C	
Processing Temp. Limit	210°C	
Injection Speed	Slow to Moderate	
Back Pressure	5-15 Mpa	
Pre Drying Requirement	80°C, 4 Hr	

Well packaged products can be used directly. If package is damaged before use, the product should be dried prior to processing. Moisture levels above 600ppm may impair film-blowing operation. Effective drying takes place at 80°C for 4hours. The dried product should keep away from moisture. The data sheet is just for reference. In actual process, the parameter should be adjusted.

Startup and Shutdown:

Before introducing ADFLEX FT4, machine needs to be well cleaned and purged to prevent cross contamination. Purging procedure to be followed, with respect to material change and processing temperature.

Form Supplied:

25Kg/Package

Notice:

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