Technical Dta Sheet



PLA SHRINK FILM (PLA-1011)

Description:	PLA shrink film for shrink sleeve and label
Color:	Transparent
Surface:	Glossy

Properties		Unit	Data		Test Method
Thickness (Tolerance : ±10%)		μm	40,50		ASTM D374
Density		g/cmឺ	1.25		ASTM D792
Haze		%	0.7		ASTM D1003
Gloss(45°)		-	81		ASTM D2457
Dyne		mN/m	36		ASTM D2578
Yield		m²/kg	40 <i>µ</i> m	20	
			50µm	16	
Coefficient of Friction	μs		0.48		ASTM D1894E
	μk	_	0.47		A311VI D1034E

Regulations:	HYF PLA shrink films meets below regulations · bio-based origin, certified by TÜV AUSTRIA, and compostability according to the EN13432(09-2000), OWS				
Storage:	 Keep the film below 29°C (85°F) Avoid direct sunlight Store on the flat floor Do not erect films Do not separate a disk before using film Use of the material is recommended within 6 months after on board date 				
Seaming Glue:	Cyclohexanone				

Printing Ink: The ink system for PVC shrink film is suitable to print PLA shrink film.

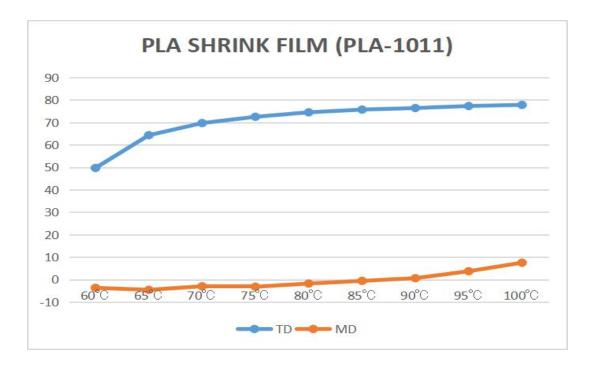
At HYF, PLA films are made of PLA resin from NatureWorks. Poly-Lactic-Acid is obtained from corn or other starch/sugar sources. our PLA shrink film is 100% bio-degradable material for making different shrink sleeve labels.

Technical Dta Sheet

YOUHENG

PLA SHRINK FILM (PLA-1011)

Properties		Unit	Data		Test Method	
			MD	TD	Test Method	
Tensile Strength		Мра	59	118	ASTM D882 V=100mm/min	
Elongation At Break		%	4	65		
Heat Shrinkage (Tolerance : ±3%)	60 ℃		-3.7	49.7		
	70 ℃		-3	69.7		
	•	80 ℃	%	-1.8	74.5	ASTM D1204
	90 ℃		0.6	76.4		
	100 ℃		7.5	77.8		



* This information is based on currently available technical materials.

* The data is subject to change due to new experience and knowledge.

* The information contained herein is for informational purposes only and is not promised or guaranteed anything.

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