



## LK-108A PET SOLAR BACKSHEET

### 1. Features and application

LK-108A is an opaque white PET film with excellent mechanical, electrical insulation and thermal resistance properties and good surface adhesion. Mainly used for solar cells backsheets etc. It is an UL listed product.

### 2. Recommended thickness and datasheet

Recommended thickness is 150μm、188μm、250μm and 300μm

**Model NO.: LK-108A**

### PRODUCT DATASHEET

Item		Unit	Index				Test method
Thickness		μm	150	188	250	300	GB/T 13542.2-2009
Thickness tolerance		%	±3	±3	±3	±3	
Tensile strength ≥	MD	MPa	150	150	140	140	
	TD		160	160	150	140	
Elongation at break ≤	MD	%	110	110	100	90	
	TD		85	80	80	80	
Heat shrinkage (150℃, 30min) ≤	MD	%	1.2				
	TD		05				
Wetting tension	Corona	Mn/m	52				GB/T 14216-2008
Light transmittance		%	10±4	8±4	6±4	6±4	ASTM D1003
Electrical strength		V/μm	85	76	65	60	GB/T1408.1-2006
WVTR		g/(m².24h)	3.0	2.1	1.8	1.6	GB/T21529-2008
PCT accelerated aging		——	No crack and brittleness				121℃100%RH 2atm/48h

NOTES: WVTR and PCT are tested by type inspection, others are by delivery inspection.