

## Description

LISAT LST-PMY-100 is a Mylar film or polyester film (PET) that has a high performance with inherent physical properties. It is commonly known as Mylar which is a Dupont Registered Trademark. It is ideally suited for a wide range of usage such as packaging, printing, die-cutting, electronics, protective overlay, barrier protection, apparel and other industrial applications.



## Features and Benefits

- \* Durable & Tear Resistant
- \* High Temperature Durability
- \* Working Under Low Pressure
- \* UL94 Recognized
- \* Excellent Dielectric & Heat Resistant

## Typical Applications

- @ LCD, Plasma and Computer Displays
- @ Polyester Film Print Applications
- @ Magnetic Recording Media
- @ Medical Devices
- @ Various Industrial Applications

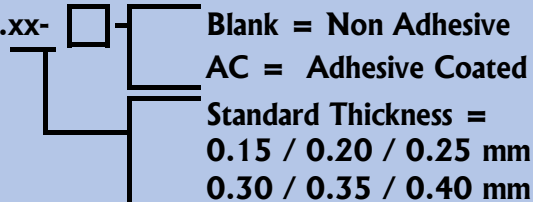
## Properties

*Note : Below technical data and information should be thought as typical or representative only and should not be used for specification purpose*

### TYPICAL PROPERTIES OF THERMAL INSULATOR LST-PMY-100

PROPERTY	METRIC VALUE	REFERENT STANDARD
Color	Natural	Visual
Density (g/cc)	1.39	ASTM D1505
Thickness (mm)	0.15 ~ 0.40	ASTM D374
Viscosity (dL/g)	0.56	ASTM D4603
Tensile Strength (MD) (kg/mm <sup>2</sup> )	20	ASTM-D882
Tensile Strength (TD) (Kg/mm <sup>2</sup> )	24	ASTM-D882
Strength Elongation (MD) (Kg/mm <sup>2</sup> )	10	ASTM-D882
Strength Elongation (TD) (Kg/mm <sup>2</sup> )	10	ASTM-D882
<b>ELECTRICAL</b>		
Dielectric Strength (AC, °C, .00092") (KV/mil)	7	ASTM D149
Dielectric Constant (°C, 1KHz)	3.2	ASTM D150
Dissipation Factor (25°C, 1KHz)	0.005	ASTM D150
Break Down Voltage (KV)	19.5	ASYM D149
<b>THERMAL</b>		
Melting Point (°C)	254	-
Thermal Expansion	1.7 x 10	ASTM D696
Application Temperature (°C)	-40 ~ 150	-
Flammability	V-2	UL 94

Part-Number Ordering System : LST-PMY-100-x.xx-



LISAT

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