



## RIGID PVC FILM- SPECIFICATIONS

**Grade:** General Purpose (Food)

### **Description:**

Normal gloss Clear Transparent Rigid PVC Sheet/ Film engineered for use in food packaging. The film is made by non toxic formula and complies with food safety regulations.

### **Features:**

- ✓ Deep moulding
- ✓ Normal Clarity and Gloss
- ✓ Excellent die cutting
- ✓ Excellent impact resistance
- ✓ Excellent thermoforming

PHYSICAL PROPERTIES	UNITS	TEST METHOD	TYPICAL VALUES
Thickness	mm	LPI-001	0.05 - 0.8
Colour		LPI-006	Any
Gloss value		ASTM-D 523 at 60 c°	130±10
Contamination	pc/m	LPI-D12	8 max
Specific Gravity	g/cm	ASTM-D792	1.35±0.02
Tensile Strength	N/mm <sup>2</sup>	ASTM-D882	53.4
Elongation	%	ASTM-D882	80 min
Heat Shrinkage	%	ASTM-D1204	0.25↓CD 0.0~2.0 MD -3~10 0.26↑CD 0.0~0.5 MD -3~6
Thickness Tolerance	%	LPI-001	± 5
Width Tolerance	mm	LPI-001	± 2
Impact Strength		ASTM-D648	General impact/ Middle impact/ High impact
Heat Distortion Temperature	c°	ASTM-D1790	68±5
Low Temperature Impact	c°	ASTM-D5420	(-15 -25 -30)
Dart drop impact		ASTM-D256	1.5 2.0 3.0 4.0
Izod Impact izod	ft-lb/in of notch1/8"		3.0 5.0 8.0 11.0