



ULTRA CLEAR POLYMERIC

PRODUCT DATA SHEET

Description

Protect-PRO Ultra Clear Polymeric Laminate is a high performance ultra clear polymeric laminate boasting excellent clarity & dimensional stability. It can also be printed on UV, Latex & Solvent technologies.

Item	Unit	Spec. Value	Test Method
I . Dimension & Tolerances			
1. Thickness	mm	0.180±0.015	JIS Z 0237
2. Inside Diameter of rolls	mm	75	
3. Basic Weight	g/m ²	0.230±0.020	
II . Composition :			
1. Face Film		Soft PVC	
Thickness PVC	mm	0.080±0.010	JIS Z 0237
2. Glue-Clear		Acrylic	
Thickness	mm	0.025±0.005	JIS Z 0237
3. Liner		Frosted PET	
Thickness	mm	0.120±0.005	JIS Z 0237
III . Physical & Chemical Property			
1. Ball Tack	No.	5~10	JIS Z 0237
2. 180° Peel Adhesion	g/25mm-20min	800 ↑	JIS Z 0237
	g/25mm-24hr	1000 ↑	JIS Z 0237
3. 90° Release Force	g/50mm	30 ±20	JIS Z 0237
4. Holding Power	mm	0.5 ↓	JIS Z 0237
5. Tensile Strength	g/10mm	1500 ↑	JIS Z 0237
6. Elongation	%	150 ↑	JIS Z 0237
7. Shrinking	% (80°Cx48hrs)	1 ↓	
8. Opacity			
9. Glossy	Degree/60°Angle	90 ↑	ISO 2813
10. Heat Resistance	°C	80	
11. Cold Resistance	°C	-30	
12. Storage Condition	°C & Relative Humidity	5~40°C & 35~75%	
13. Storage Validity	Year	1	
14. Durability	Year	5	ISO 4892-3
STANDARD			
JIS Z 0237 Testing methods of pressure-sensitive adhesive tapes and sheets			
ISO 2813 Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20°, 60°and85°			
ISO 4892-3 Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (Method C)			
Holding Power 25mm*25mm*1KG*24Hrs*23°C (Distance Of Displacement)			