



# Technical Data Sheet

jet technologies

## SAMTM

Samurai Terra Matt Film

### TECHNICAL DESCRIPTION

Property	Typical Values 25 mic (SI)	Testing Methods
<b>MECHANICAL</b>		
Tensile Strength	110 (MD) – 200 (TD) N/mm <sup>2</sup>	ASTM D 882
Elongation	150 (MD) – 70 (TD) %	ASTM D 882
Tensile Str (N/mm <sup>2</sup> )	ISO 1924	
<b>PHYSICAL</b>		
Yield	42.6 m <sup>2</sup> /kg	Internal method
Gloss 60°	6.5	ASTM D 2457
<b>THERMAL</b>		
Recommended Lamination temp.	105 ± 10 C°	
Thermal Shrinkage	4.0 (MD) – 2.0 (TD) %	ASTM D 1204 (120°C, 5min)
<b>MISCELLANEOUS</b>		
Surface Tension (adhesive)	42 dyne/cm	ASTM D 2578
Surface Tension (matte)	40 dyne/cm	ASTM D 2578

### DESCRIPTION

An extrusion-coated biaxially oriented polypropylene (BOPP) film containing 30% ISCC-certified recycled content, featuring a matte finish on one side and a low-melting adhesive layer on the reverse side, designed for thermal lamination applications.

[jet-ap.com](http://jet-ap.com)

## PRODUCT FEATURES

- Excellent matte finish property
- Excellent moisture barrier
- Excellent resistance to grease and oil

## APPLICATIONS

**SAMTM** film is specially designed to enhance performance in paper or board lamination using thermal lamination process. This matte finish coupled with its smooth texture offers a very high-quality image to book covers, corporate brochures, posters and magazines. Matte finishes are particularly suitable for surface which needs to be easily read by eliminating light glare.

## TEST AND PROCESSING RECOMMENDATIONS

Due to the great variety of materials available today, the wide range of processing machines and their respective setting parameters, we can only provide recommendations. The customer is required to perform their own testing in each individual case under original production conditions to ensure the best results.

## DISCLAIMER

The technical data sheet does not constitute any type of warranty either expressed or implied and is intended only as a guide for the use of the stock being sold. All stock should be thoroughly tested prior to use in order to confirm suitability.