



Technical Data Sheet

jet technologies

SAMTG

Samurai Terra Gloss Film

TECHNICAL DESCRIPTION

Property	Typical Values 24 mic (SI)	Test Meth
Mechanical		
Tensile Strength	150 (MD) – 250 (TD) N/mm ²	ASTM D 882
Elongation	170 (MD) – 55 (TD) %	ASTM D 882
Physical		
Yield	43.48 m ² /kg	Internal method
Gloss 60°	92	ASTM D 2457
Thermal		
Recommended Lamination temp.	105 ± 10 °C	-
Thermal Shrinkage	4.5 (MD) – 2.0 (TD) %	ASTM D 1204 (120°C, 5min)
Miscellaneous		
Surface Tension (adhesive)	42 dyne/cm	ASTM D 2578
Surface Tension (gloss)	38 dyne/cm	ASTM D 2578

DESCRIPTION APPLICATION

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

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APPLICATION

SAMTG film is specially designed to enhance performance in paper or board lamination using thermal lamination process **SAMTG** film will enhance gloss, scuff resistance when laminated onto paper or carboard and offers a very high quality image to book covers, corporate brochures, posters and magazines.

FEATURES

- High clarity and gloss
- Non-migratory slip system for stable COF
- Excellent resistance to grease and oil
- Excellent ink adhesion and bond strength

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.