LAMINATING - THERMAL FILMS

BioRenew 30 Anti-Scratch Matt

Thermal BOPP Lamination Film

Anti-scratch matt BOPP film for thermal lamination. 30% renewable feedstock from used vegetable oils, attributed through certified mass balance.

Key features

- Enhanced scratch and scuff resistance
- 30% renewable feedstock (mass balance)
- Extra matt finish
- Recommended for dark printed designs
- ISCC PLUS certified product

Finishing compatibility

- Spot UV and hot foil stamping[1]
- Hot-melt gluing[1]
- Surface printing with most UV inks

Specifications

BASE FILM	Biaxially oriented polypropylene (BOPP)
SURFACE FINISH	Transparent extra matt, scratch-resistant

Typical properties

PROPERTY	THERMAL	UNIT	TEST METHOD
Thickness	30	µm	–
Yield	37.04	m²/kg	Internal method
Gloss[2]	5	%	Internal method
Surface tension	40	mN/m	ASTM D2578
Coefficient of friction	0.35	–	Internal method
Application temperature	110–120	°C	Internal method
Lamination strength	≥7.5	N/25.4 mm	Internal method

[1] Follow current handling guidance and confirm by trials. [2] Measured on 300 g/m² black-printed coated board under the supplier's stated test conditions.

30% renewable feedstock attributed through ISCC PLUS certified mass balance. Typical values are indicative. Confirm suitability and settings through lamination and finishing trials. Sustainability declarations available on request.

GIF PRODUCTS

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