LAMINATING - THERMAL FILMS

BioRenew 30 Gloss

Thermal BOPP lamination film

High-gloss, clear BOPP film for thermal lamination. 30% renewable feedstock from used vegetable oils, attributed through certified mass balance.

Key features

- Gloss finish with excellent clarity
- 30% renewable feedstock (mass balance)
- Corona-treated BOPP film
- Suitable for two-sided lamination
- ISCC PLUS certified product

Finishing compatibility

- Standard stamping applications
- Book covers and commercial print
- Printed paper and board packaging

Specifications

BASE FILM	Biaxially oriented polypropylene (BOPP)
SURFACE FINISH	Transparent gloss

Typical properties

PROPERTY	HE Lite	HE	HQ	UNIT	TEST METHOD
Thickness	20	22	24	µm	–
Yield	54.9	50.00	46.08	m²/kg	Internal method
Gloss	50	50	50	%	ASTM D2457 45°
Surface tension	39	39	39	mN/m	ASTM D2578
Coefficient of friction	0.25	0.25	0.25	–	Internal method
Application temperature	95–115	95–115	95–115	°C	Internal method
Lamination strength	≥7.5	≥7.5	≥7.5	N/25.4 mm	Internal method

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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