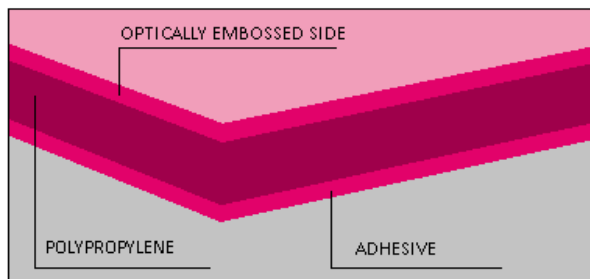


## L I N E N D R Y 5 0 μ

Biaxially oriented embossed polypropylene film for thermal lamination of paper and cardboard\*: This film has an extrusion coated surface with low temperature melting resin which enables the lamination of film to paper products by heat and pressure. The film has excellent embossed optical properties.



Applications: lamination of book covers, posters, magazines, diaries.

Product code :LND050

Update: December 2020

### TECHNICAL FEATURES

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE
Thickness (including embossing height)		Internal	micron (μm)	56
Grammage		Internal	g/m <sup>2</sup>	43
Yield		Internal	m <sup>2</sup> /kg	23

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE
Surface tension	Adhesive side	-	Dynes/cm	42
	Embossed side	-	Dynes/cm	37
Recommended lamination temperature (the result depends on paper thickness, temperature and pressure)			C°	90-95

OPTICAL PROPERTIES		METHOD	UNIT	VALUE
Gloss (after lamination at 90°C)	MD	Internal	60°	30-38**
Gloss before lamination	MD	Internal	60°	15-19

\* We recommend minimum paper thickness 160g.

\*\* Gloss value varies according to lamination temperature and pressure.

**Storage:** store in a dry and clean place far from heat sources and humidity (max 30°C and 55% of relative humidity). Do not expose rolls to direct sunlight. Protect the partially used rolls and keep a high stock rotation. The film should be allowed to reach operating room temperature 24 hours before use.

**Note:** trial tests are recommended before proceeding with full production run so as to verify the suitability of the product for its specific application. Verify the compatibility of the film with inks and adhesives. Please wait some time after lamination to allow maximum film adhesion before proceeding with further jobs. Please visit our web site for more details.

The values indicated represent the best of our knowledge and experience. They are provided simply as a matter of information, taking no responsibility on their absolute truthfulness. Values may be changed without notice. Mag Data S.p.A gives no warranty, expressed or implied, as to the suitability of the product for any specific application.

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