

TECHNICAL DATA SHEET

DRY NUMERIQUE ULTRABOND BRILLANT

Polypropylene gloss film for thermal lamination on digitally printed cardboard. Inks for digital printing machine may in fact contain components that can decrease the bond strength of conventional film laminating. Ideal for laminating: book covers, catalogues, posters, calendars, shopping bags, etc.



PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Internal	micron (μm)	40
Yield		Internal	m^2/kg	$35\pm 0,5$
Grammage		Internal	g/m^2	28,57
Surface tension	Adhesive side	ASTM D 2578	Dyne/cm	45

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ASTM D 882	Kg/mm^2	15 ± 3
	TD			30 ± 3
Elongation at break	MD	ASTM D 882	%	-
	TD			-

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Heat shrinkage (120°C, 15 min.)	MD	ASTM D 1204	%	$3,5\pm 0,5$
	TD			$1,4\pm 0,5$
Lamination temperature		Internal	°C	100-120

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Glossness after the lamination		ASTM E 523	%	>70
Haze		ASTM D 1003		<2
Trasmittance		ASTM E 1164	%	>80

NOTE: Store in a dry and clean place (20°C, 40% of relative humidity)

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.