

BOPP thermal matt film - Optimum

Technical data

Description: : it is a matt co-extruded polypropylene film which is EVA-pretreated on one side. It is used for lamination of printed paper and carton. The other side is Corona-pretreated and therefore usable for different printing methods. It is usable for hot-foil-stamping and UV-spot-varnishing. The film is appreciated because of its good mechanical properties. Laminating temperature: 90°C-130°C.

property		unit	value
PHYSICAL DATA			
<i>thickness</i>		micron	22
<i>coefficient of friction</i>	<i>film/film</i>	-	0,27
<i>treatment / both sides</i>		-	CORONA
MECHANICAL DATA			
<i>tensile strength</i>	<i>MD</i>	Mpa	75
	<i>TD</i>	Mpa	112,4
<i>elongation</i>	<i>MD</i>	%	153,69
	<i>TD</i>	%	47,1
<i>surface tension</i>	substrate	mN/m	42
	coating	mN/m	50
<i>stripping resistance</i>		N/15mm	0,17
<i>lamination strength</i>		N/15mm	4,38
THERMAL DATA			
<i>shrinkage (120 °C, 30 Sec.)</i>	<i>MD</i>	%	2,3
	<i>TD</i>	%	0,23
OPTICAL DATA			
<i>haze</i>		%	75

Applicable to after-lamination process like hot stamping, UV curing and silk screen printing.
Theoretical values (rounded of first decimal place)