

BOPP-thermal digital gloss film

Technical data

Description: This Gloss Polypropylene Copolymer film is for use in laminating of printed materials and print finishing process. Adhesion is achieved by the reactivation of the heat sensitive resins in the copolymer element. Operating temperature:90-120°C.

property	test method	unit	value	
PHYSICAL DATA				
<i>thickness</i>	GB/T 6672	micron	27	
<i>coefficient of friction</i>	<i>film/film</i>	GB 10006	film/film	0,32
<i>treatment / both sides</i>	-	-	CORONA	
MECHANICAL DATA				
<i>tensile strength</i>	<i>MD</i>	GB/T 1040	MPa	90,5
	<i>TD</i>	GB/T 1040	MPa	146,6
<i>elongation</i>	<i>MD</i>	GB/T 1040	%	172,3
	<i>TD</i>	GB/T 1040	%	42
<i>surface tension</i>	substrate	GB/T 14216	mN/m	30
	coating		mN/m	48
<i>stripping resistance</i>		GB/T 8808	N/15mm	0,54
<i>lamination strength</i>		GB/T 8808	N/15mm	4,43
THERMAL DATA				
<i>shrinkage (105 °C, 30 Sec.)</i>	<i>MD</i>		%	2,54
	<i>TD</i>		%	0,66
OPTICAL DATA				
<i>haze</i>	GB/T 2410	%	2,87	

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