

BOPP-wet standard gloss film

Technical data

Description: it is a plain co-extruded polypropylene film for lamination of printed paper and carton. The film is both side Corona-treated and therefore usable for different methods as silk-screen printing and hot foil stamping. The film has excellent mechanical properties.

property		test method	unit	value
PHYSICAL DATA				
<i>thickness</i>		ASTM-D-374-C	micron	12
<i>coefficient of friction</i>	<i>film/film</i>	ASTM-D-1894	-	0,24
<i>yield²</i>		ASTM-D-4321	m ² /kg	92,08
<i>treatment / both sides</i>		-	-	CORONA
<i>wettability (min)</i>		ASTM-D-2578	dyne/cm	38/39
MECHANICAL DATA				
<i>tensile strength</i>	<i>MD</i>	ASTM-D-882	kg/mm ²	16,5
	<i>TD</i>	ASTM-D-882	kg/mm ²	29,4
<i>elongation</i>	<i>MD</i>	ASTM-D-882	%	151
	<i>TD</i>	ASTM-D-882	%	40
THERMAL DATA				
<i>shrinkage (120 °C, 5 Min.)</i>	<i>MD</i>	ASTM-D-1204	%	5
	<i>TD</i>	ASTM-D-1204	%	3,5
OPTICAL DATA				
<i>gloss (60°)</i>		ASTM-D-2457	Gardner	136
<i>haze</i>		ASTM-D-1003	%	2,2

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