

BOPP-wet standard matt film

Technical data

Description: it is a matt 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, hot foil stamping, UV-spot varnishing with silk-screen or flexosystem. The film has excellent mechanical properties.

property		test method	unit	value
PHYSICAL DATA				
<i>thickness</i>		ASTM-D-374-C	micron	13
<i>coefficient of friction</i>	<i>film/film</i>	ASTM-D-1894	-	0,51
<i>treatment / both sides</i>		-	-	CORONA
<i>wettability (min)</i>		ASTM-D-2578	dyne/cm	38/42
MECHANICAL DATA				
<i>tensile strength</i>	<i>MD</i>	ASTM-D-882	kg/mm ²	11,1
	<i>TD</i>	ASTM-D-882	kg/mm ²	26,2
<i>elongation</i>	<i>MD</i>	ASTM-D-882	%	130
	<i>TD</i>	ASTM-D-882	%	50
THERMAL DATA				
<i>shrinkage (120 °C, 5 Min.)</i>	<i>MD</i>	ASTM-D-1204	%	4
	<i>TD</i>	ASTM-D-1204	%	2
OPTICAL DATA				
<i>gloss (60°)</i>		ASTM-D-2457	Gardner	13,5
<i>haze</i>		ASTM-D-1003	%	81

Applicable to after-lamination process like possible printing methods after test and with suitable inks: hot foil stamping, silk-screen printing, UV-spot varnishing with silk-screen and flexosystem.

Theoretical values (rounded of first decimal place)