

BOPP-wet antiscratch matt film

Technical data

Description: this specially coated polypropylene film is used to finish surfaces. The film has a scratch resistant surface and a high matt character. It provides optimal adherence to graphic media.

property		test method	unit	value
PHYSICAL DATA				
<i>thickness</i>			micron	19
<i>coefficient of friction</i>	<i>film/film</i>	DIN EN ISO 8295	-	0,51
<i>treatment / both sides</i>		-	-	CORONA
<i>surface tension</i>		DIN ISO 8296	mN/m	42/38
<i>yield²</i>		ASTM D 792	m ² /kg	71,43
<i>grammage</i>		ASTM D 792	g/m ²	14
MECHANICAL DATA				
<i>tensile strength</i>	<i>MD</i>	DIN EN ISO 527	MPa	83,7
	<i>TD</i>	DIN EN ISO 527	MPa	190,3
<i>elongation</i>	<i>MD</i>	DIN EN ISO 527	%	155
	<i>TD</i>	DIN EN ISO 527	%	45
THERMAL DATA				
<i>shrinkage (120 °C, 5 Min.)</i>	<i>MD</i>	DIN EN ISO 11501	%	1
	<i>TD</i>	DIN EN ISO 11501	%	0
OPTICAL DATA				
<i>gloss (60°)</i>		ASTM-D-2457	Gardner	5,2 ± 0,5
<i>haze</i>		ASTM-D-1003	%	72,1
<i>transmittance</i>		ASTM-D-1003	%	91,6

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