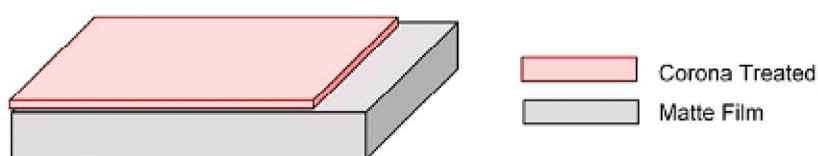


BOPET FILM

Version No.: 11614/ 0.1

Date: 22 Nov 2018

SARAFIL D1201 is matte Polyester film with medium gloss surface specially designed for packaging and industrial applications. This film has both sides matte appearance with one side corona treatment for enhanced adhesion to solvent based inks, coatings. Its widely used in board lamination, thermal lamination, label and conversion applications. The film has excellent processability & machine runnability. It has excellent slip and dimensional stability over a wide range of temperatures.



MICRON(GAUGE) 12, 23, 36, 50 (48, 92, 144, 200)
TYPE **D1210** Matte Film-Corona Treated (Wound - Inside)
D1201 Matte Film-Corona Treated (Wound - outside)

PROPERTIES	TEST METHOD	UNIT	12(48) MICRON (GAUGE)	23(92) MICRON (GAUGE)	36(144) MICRON (GAUGE)	50(200) MICRON (GAUGE)
TYPICAL VALUES						
NOMINAL THICKNESS	PHC Method	Micron	12	23	36	50
		Gauge	48	92	144	200
YIELD	PHC Method	m2/kg	59.6	31.1	19.9	14.3
		in2/lb	42000	21900	14000	10100
MECHANICAL PROPERTIES						
TENSILE STRENGTH						
MD	ASTM D-882	kg/cm2	1900	1800	1800	1700
		kpsi	27.1	25.7	25.7	24.3
TD	ASTM D-882	kg/cm2	2000	1900	1900	1800
		kpsi	28.6	27.1	27.1	25.7
ELONGATION AT BREAK						
MD	ASTM D-882	%	100	100	100	100

PROPERTIES	TEST METHOD	UNIT	12(48) MICRON (GAUGE)	23(92) MICRON (GAUGE)	36(144) MICRON (GAUGE)	50(200) MICRON (GAUGE)
TD	ASTM D-882	%	90	90	90	90
THERMAL PROPERTIES						
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)						
MD	ASTM D-1204	%	2	2	2	2
TD	ASTM D-1204	%	2	2	2	2
SURFACE PROPERTIES						
SURFACE TENSION	ASTM D-2578	Dyne/cm	56	56	56	56
CO-EFFICIENT OF FRICTION, (A/B)						
STATIC	ASTM D-1894		0.50	0.50	0.45	0.45
DYNAMIC	ASTM D-1894		0.45	0.45	0.40	0.40
OPTICAL PROPERTIES						
HAZE	ASTM D-1003	%	50	68	75	80
LIGHT TRANSMISSION	ASTM D-1003	%	85	85	85	85
GLOSS (AT 60°) MICRO-TRYGLOSS (BYK GARDNER)	ASTM D-2457-97	%	40	42	42	42

Note: Above properties can be changed to meet the specific requirement of customers.