

TECH DATA OF 25UM BOPP PEARLIZED FILM (BOPP WHITE OPAQUE FILM)

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE				
THICKNESS	micron		Micrometer	25				
YIELD	m ² /kg (min.)		-	59	49	42	35	28
DENSITY	g/cm ³		ASTM D-1505	0.65-0.70	0.65-0.70	0.65-0.70	0.68-0.72	0.68-0.72
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM	6	6	6	6	6
		TD	D-882	12	12	12	12	12
ELONGATION AT BREAK	% (max.)	MD	ASTM	140	140	140	140	140
		TD	D-882	50	50	50	50	50
THERMAL SHRINKAGE (120° c 15 minutes)	% (max.)	MD	ASTM	4	4	4	4	4
		TD	D-1204	2	2	2	4	4
STATIC C.O.F.	film/film		ASTM D-1894	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4
SEALING TEMPERATURE	°c		1 BAR 1 SEC	115	115	115	115	115
SEALING STRENGTH	g/cm (min.)		-	80	80	80	80	80
GLOSS (angle 45°)	% (min.)		ASTM D-2457	26	26	26	26	26
WVTR	g/m ² /24 hr (max.)		ASTM F-1249	5	4.2	3.6	3.2	3
O ₂ TR	cc/m ² /24 hr (max.)		ASTM D-3985	1,700	1,600	1,500	1,400	1,200
CORONA REATMENT	Dyne/cm (min.)		ASTM D-2578	38	38	38	38	38

TYPE: BOPP PEARLIZED FILM/BOPP CO-EX PEARLIZED OPAQUE

PROPERTIES	UNIT		RESULT	TEST STANDARD
AVERAGE GAUGE	MICRON μm		38/40	-
UNIT WEIGHT	g/m ²		17.5	-
LIGHT TRANSMISSION	%		22	ASTM D-1003
GLOSS 45°	%		80	ASTM D-2457
TENSILE STRENGTH	MPa	MD	60	ASTM D-882
	MPa	TD	170	
ELONGATION AT BREAK	%	MD	130	ASTM D-882
	%	TD	17	
MODULUS OF ELASTICITY	MPa	MD	930	ASTM D-882
		TD	2170	
HEAT SHRINKAGE 120°C,5min	%	MD	3.2	-
	%	TD	2.6	
WETTING LEVEL	Dyne/cm	A SIDE	38	ASTM D-2578
		B SIDE	38	ASTM D-2578
COF	μd	AA	0.39	ASTM D-1894
		AB	0.48	
		BB	0.53	
HEAT SEAL STRENGTH 125°C,0.18Mpa,1S	N/15mm		2.7	-