

Polyester film test report

Film item		BOPET	Date	2018.2.17 17:52	Quantity	2,841tons
Roll NO.		B--07121704	Test date	2017.12.17	Temperature/humidity condition	23°C/50RH
Test criterion		《Polyester testing method》 thickness :12um				
No.	Item		Unit	Average	Standard deviation	Remarks
1	Average thickness/thickness tolerance		μm	12	0.17	Average thickness tolerance: +1.7%
			%	Min.: -1.9	Max:+1.9	
2	Tensile strength	MD	Mpa	235	10	
		TD		268	35	
3	Elongation	MD	%	130	13	
		TD		113	12	
4	Heat shrinkage	MD	%	1.7	0.2	temperature: 150°C time: 30min
		TD		-0.1	0.1	
5	huze		%	2.3	0.1	
6	1.2 Glossy					45°
7	COF	μs		1.41	0.03	Difference surface, F/F
		μk		1.38	0.01	
		μs				Same surface, F/F
		μk				
8	Modululus	MD	Mpa	4474	122	
		TD		4914	308	
9	Humid tension		Mn/m	58		
10	Hot-sealing strength		N/15mm			1bar/130°C/1s
11	relative dielectric constant（50Hz）					
12	dielectric dissipation factor（50Hz）		ppm			
13	dielectric strength		V/μm			
14	volume resistivity		Ωcm			
15	F 5		MD	108	2.3	
			TD	97	1.8	
Test dept.: Quality			Value :		Test person: 2018.2.25	
2018.2.17			Excel		reviewed by: 2018.2.28	