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BOPP PLAIN FILM

Test report (Tech data)

Standard : GB/T1003-96

1、machinability

Items	Prime	Test method	Standard	Result	Marking
Tensile strength in machine	MD	GB13022-91	≥150	≥120	
	TD		≥260	≥260	
Elongation in machine	MD	GB13022-91	≤180	≤180	
	TD		≤65	≤65	
Elasticity(Three days later) Mpa		GB13022-91	≥1700	≥1700	
Thermal contraction %	MD	GB/T1003-96	≤4	≤5	
	TD		≤2	≤3	
Haze %		GB2410-80	≤1.2	≤1.5	
Transparency stability %		GB2410-80	≥85	/	
Gloss %		GB8807-88	≥90	≥85	
Wettability mN/m		GB/T14216-93	≥39	≥38	
Fraction coefficient %	MD	GB/10006-88	≤0.8	≤0.8	
	TD		≤0.8	≤0.8	

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2、Dimension

Items	Prime	Eligible	Result
Dimensional Stability	±3.0%	±4.5%	±7.0%
Averagabal DimensionalStability	±2.5%	±4.0%	/
Length Stability	＜30um ±300 M	±800 M	/
	≥30um ±150M	±400M	/
The length of junction	＜20um ＞1000M	＞500M	/
	20~30um ＞800M		
	＞30um ＞500M		
Width Stability	≤±2mm	＞±2mm	/

3、Appearance

Items	Prime	Eligible	Weak	Test method	Marking
Damage of core	NO	NO	YES	BY SIGHT	O
Damage of edge	NO	A LITTLE	BADLY	BY SIGHT	B
Joint	NO	One joints is allowed	3 jionts	BY SIGHT	J

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deflection	≤1mm	≤3mm	＞3mm	BY RULE	P
Warp on eldge	NO	NO	Obviously	BY SIGHT	G
Dent	NO	NO	/	BY SIGHT	V
Color distinction	NO	Obviously	/	BY SIGHT	D
Bruise	NO	Obviously	Obviously	BY SIGHT	R
Contamination	NO	NO	/	BY SIGHT	W
Balloon	Diameter ＜ 0.5mm One or two, diameter＜0.5mm three	Yes	/	BY SIGHT	K
Material leakage	NO	Lightly	Badly	BY SIGHT	H
Dyne distinction	≥38	≥36			U
Damage	No	Lightly	Badly		X
Width	±1	±2			A
Length distinction	Do as clients	Light distinction	Badly	BY COMPUTER	C

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4、 Roll's quality

Items	Prime	Eligible	Weak	Test method	Marking
Dent	Width below 1000mm ≤50m Width above 1000mm ≤100m	≤250m	/	BY SIGHT	F
Dent inside	No	No	＞ 300m	BY SIGHT	L
Longitudinal marking	NO	No	/	BY SIGHT	T
Traversenal marking	NO	No	/	BY SIGHT	M
Blotch	No	Lightly	/	BY SIGHT	Q

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