

BOPP ADHESIVE TAPE JUMBO TEST REPORT

COMMODITY		BOPP ADHESIVE TAPE JUMBO ROLLS			
SPEC.		1280MM*4000M*40MIC		COLOR	CLEAR/TRANSPARENT
DATE		2018-5-28		TEST DATE	2018-05-31
TEMPERATURE		25		HUMIDITY	63%
NO.	SIZE/ PERFORMANCE TEST	STANDARD VALUE	MEASURED VALUE	TEST CONCLUSIONS	TEST BASIS
1	BASIC MATERIAL (BOPP FILM) THICKNESS (UM)		23UM	QUALIFIED	
2	TAPE THICKNESS (UM)		40UM	QUALIFIED	GB/T 7125
3	WIDTH (MM)		1280MM	QUALIFIED	HG/T 3596
4	LENGTH		4000M	QUALIFIED	HG/T 3596
5	TENSILE-STRENGTH (N/CM)	≥30	30.3	QUALIFIED	GB/T 7753
6	ELONGATION AT BREAK (%)	≤180	125	QUALIFIED	GB/T 7753
7	180°PEELING STRENGTH (N/CM)	≥1.8	2.4	QUALIFIED	GB/T 2792
8	INITIAL BONDING STRENGTH /INITIAL ADHESION (#)	≥12	18	QUALIFIED	GB/T 4852
9	ENDURANCE BONDING STRENGTH (H)	≥6	24	QUALIFIED	GB/T 4851
10	PRODUCTION APPEARANCE	PERFECT			
REMARK					

TECHNOLOGY DATA FOR REFERENCE

SPECIFICATION	CRITERION	40MIC	45MIC	50MIC
INITIAL GRAB# (BALL)	GREATER THAN OR EQUAL TO 18#	GREATER THAN OR EQUAL TO 29#	GREATER THAN OR EQUAL TO 29#	GREATER THAN OR EQUAL TO 29#
PEELING STRENGTH WITH 180 DEGREE	$\geq 5.4\text{N}/2.5\text{CM}$	6.0N/2.5 CM	6.6N/2.5 CM	6.8N/2.5 CM
HOLDING FORE (H)	≥ 24 HOURS/2.5CM	GREATER THAN 24 HOURS/2.5CM	GREATER THAN 24 HOURS/2.5CM	GREATER THAN 24 HOURS/2.5CM
TENSILE STRENGTH	GREATER THAN 70N/2.5CM.	GREATER THAN 85N/2.5CM.	GREATER THAN 78N/2.5CM.	GREATER THAN 80N/2.5CM.
TENSILE RATIO	$\geq 150\%$	190%	200%	200%
THICKNESS		23MIC FILM+17MIC GLUE 20MIC FILM+20MIC GLUE	25MIC FILM+20MIC GLUE	28MIC FILM+22MIC GLUE