

Test Report

Report No.: 20210908001

Sample Info.:		samples Pic.	Test result pic.
Sample Name	biodegradable vacuum bags		
Materials			
Size	8"*12"		
Test date	2021/8/5 ~ 2021/9/8		
Test by	Julien		
Sample Qty	6pcs		
Test conditions:			
Temperature: -25℃; Humidity: No requirement; Time requested: 1 month			
Test equipment:			
Constant temperature and humidity equipment Anti-pendulum impact meter			
Test purpose:			
1. Verify the cold resistance of the biodegradable vacuum bags			
Test data of pendulum impact:			
Before freeze: 1.075J、1.025J、1.05J、1.075J、1.125J After freeze: 1.15J、0.9J、0.975J、0.95J、0.9J			
Test conclusion:			
Cold resistance 91% , result is qualified.			
Remark:			
Cold resistance test from 5 th August to 8 th September; The pendulum impact test of before freeze on 5 th August and of after freeze on 8 th September.			
Test Process:			
Before the test, to check the appearance of 6 pcs biodegradable vacuum bags ,to make sure no damage and other bad appearance.			
1. Put 3pcs biodegradable vacuum bags into the constant temperature and humidity equipment for testing at temperature -25℃ for one month.			
After one month ,to check the appearance of the biodegradable vacuum bags, no damage and other bad phenomenon.			
2. Cold resistance			
A. Take 5 pieces of 100mm*100mm square samples from biodegradable vacuum bags , put the sample one by one on the fixture of the anti-pendulum impact meter to run the test and record their value,calculate its average value.			
B. Take out the pork from the biodegradable vacuum bags that freeze at -25℃ for one month, take 5 pieces of 100mm*100mm square samples from biodegradable vacuum bags , put the sample one by one on the fixture of the anti-pendulum impact meter to run the test and record their value,calculate its average value.			
The average value of B ÷ The average of A *100=cold resistance 99%, test standard ≥60% as be qualified			
Result of the test: 0.975÷1.07*100=cold resistance 91%, it's qualified.			
Test reference: QB/T 1871 — 93			