宁波久鼎特种单丝有限公司

Ningbo Judin Special Monofilament Co., Ltd.

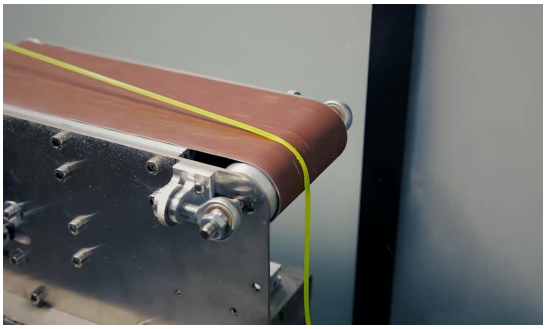
JUDINGROUP™ Plastic Packaging Wire Test Data Sheet

Testing time:2023-3-16

Test Purpose: : Abrasion resistance testing standards for Trimmer Line		
Test Object:	Material: nylon	Specification:2.4mm/15m 3.5mm/1LB
	Shape: round/square	Color: red/yellow
Test Equipment: Wear testing machine		

I. Test Methods and Procedures
1. Define test conditions: According to the test requirements, define the test conditions, including applied load, test time, number of cycles, etc. 2. Conduct abrasion testing: Place the wire sample in the testing equipment and ensure it is in full contact with the wear material. 3. Monitoring and recording: During the test, the wear of the wire is monitored and recorded.

II.Test data and Pictures	
1. Product picture before test	
Schematic-1  2.4mm/15m	Schematic-2  3.5mm/1LB
2. Product picture and data after test	

Schematic-3	Schematic-4
	
Test data 1:3 minutes and 22 seconds	Test data 1:4 minutes and 13 seconds
Test data 2:3 minutes and 34 seconds	Test data 2:3 minutes and 46 seconds
Test data 3:3 minutes and 12 seconds	Test data 3:3 minutes and 56 seconds

III. Analysis of test results
2.4mm/15m:The wire breaks in an average of 3 minutes and 22 seconds. 3.5mm/1LB:The wire breaks in an average of 3 minutes and 38 seconds.

IV.Test Conclusion
Abrasion resistance test meets standards