

# Test Report

Report No:OTS-20181221003E

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## Customer Information:

Customer	DRAGON ELECTRONIC (KUNSHAN) CO.,LTD
Address	6#SHUGUANG ROAD DLANSHANHU TOWN KUNSHAN 215345

## Sample Information:

Name	Corrugated pipe
Model	5mm inradius, black
Material	PP
Part No.	/
Supplier	/
Buyer	/
Received Date	2018.12.25
Test Date	2018.12.26~2019.01.02
Test Result	Refer to the following pages.



Approved By:

Date: Jan 3,2019

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## Table Of Content:

No.	Sample Name	Test Item	Test Period	Test Result	Judge
1.	Corrugated pipe	Impact resistance	2018.12.26~2019.01.02	See Appendix 1	Pass
2.		Cold resistance	2018.12.26~2019.01.02	See Appendix 2	Pass
3.		Heat resistance	2018.12.26~2019.01.02	See Appendix 3	Pass
4.		Oxygen index	2018.12.26~2019.01.02	See Appendix 4	Pass
5.		Oil resistance	2018.12.26~2019.01.02	See Appendix 5	Pass
6.		Heating deformation	2018.12.26~2019.01.02	See Appendix 6	Pass
7.		Compressive load	2018.12.26~2019.01.02	See Appendix 7	Pass

## Sample Photo:



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## Appendix 1

1. **Test Item:** Impact Resistance

1.1 **Test Specification:** Selected test as requested by applicant.

1.2 **Test Equipments:**

No.	Name	Model	Valid
1	/	/	/

1.3 **Test Environment:** Room temperature

1.4 **Test Conditions:**

1. Sample size:300mm;
2. Mass of ball:100g;
3. Height:1m.

1.5 **Test Results:**

No.	Test Results	Judge
1-1#	After the test,sample was no change,no cracking and no broken.	Pass

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## 1.6 Sample Photo During The Test:



## 1.7 Sample Photo After The Test:



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## Appendix 2

2. **Test Item:**Cold resistance

2.1 **Test Specification:** Selected test as requested by applicant.

2.2 **Test Equipments:**

No.	Name	Model	Valid
1	Temperature & humidity chamber	TCPRO-1000	2019.05.08

2.3 **Test Environment:** Room temperature

2.4 **Test Conditions:**

1. Test temperature:-40°C,
2. Test time:24h;
3. Bend sample more than 180° .

2.5 **Test Results:**

No.	Test Results	Judge
2-1#	After the test,sample was no change,no cracking and no broken.	Pass

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## 2.6 Sample Photo During The Test:



## 2.7 Sample Photo After The Test:





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## Appendix 3

3. Test Item:Heat resistance

3.1 Test Specification: Selected test as requested by applicant.

3.2 Test Equipments:

No.	Name	Model	Valid
1	The hot air ageing oven	DHG-9070A	2019.05.08

3.3 Test Environment: Room temperature

3.4 Test Conditions:

1. Test temperature:120°C,
2. Test time:100h;
3. Bend sample more than 180° .

3.5 Test Results:

No.	Test Results	Judge
3-1#	After the test,sample was no change,no cracking and no broken.	Pass

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## 3.6 Sample Photo During The Test:



## 3.7 Sample Photo After The Test:





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## Appendix 4

4. **Test Item:**Oxygen index

4.1 **Test Specification:** Selected test as requested by applicant.Refer to FAS COT

4.2 **Test Equipments:**

No.	Name	Model	Valid
1	Combustion box	HVUI.2	2019.02.26
2	Oxygen index tester	HC-2C	2019.02.26
3	Digital display caliper	(0~300)mm/0.01mm	2019.02.26

4.3 **Test Environment:** Room temperature

4.4 **Test Conditions:**

1. Light the time: 15s.

4.5 **Test Results:**

No.	Test Item	Results	Unit	Judge
1	Oxygen index	24.0	%	Pass

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## 4.6 Sample Photo During The Test:



## 4.7 Sample Photo After The Test:



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## Appendix 5

5. **Test Item:**Oil resistance

5.1 **Test Specification:** Selected test as requested by applicant.

5.2 **Test Equipments:**

No.	Name	Model	Valid
1	/	/	/

5.3 **Test Environment:** Room temperature

5.4 **Test Conditions:**

1. Sample size:200mm;
2. Immersion liquid:Oil B;
3. Time:2h.

5.5 **Test Results:**

No.	Test Results	Judge
5-1#	After the test,sample was no change,no cracking and no broken.	Pass

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## 5.6 Sample Photo During The Test:



## 5.7 Sample Photo After The Test:



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## Appendix 6

**6. Test Item:** Heating deformation

**6.1 Test Specification:** Selected test as requested by applicant.

**6.2 Test Equipments:**

No.	Name	Model	Valid
1	The hot air ageing oven	DHG-9070A	2019.05.08

**6.3 Test Environment:** Room temperature

**6.4 Test Conditions:**

1. Test temperature:80℃,
2. Test time:24h;
3. Sample:100mm.

**6.5 Test Results:**

No.	Test Results	Judge
6-1#	After the test,sample was no change,no cracking and no broken,and the change rate is 3.00 %.	Pass



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## 6.6 Sample Photo During The Test:



## 6.7 Sample Photo After The Test:



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## Appendix 7

7. **Test Item:**Compressive load

7.1 **Test Specification:** Selected test as requested by applicant.

7.2 **Test Equipments:**

No.	Name	Model	Valid
1	/	/	/

7.3 **Test Environment:** Room temperature

7.4 **Test Conditions:**

1. Sample size:200mm;
2. Load:980N;
3. Test time:1min.

7.5 **Test Results:**

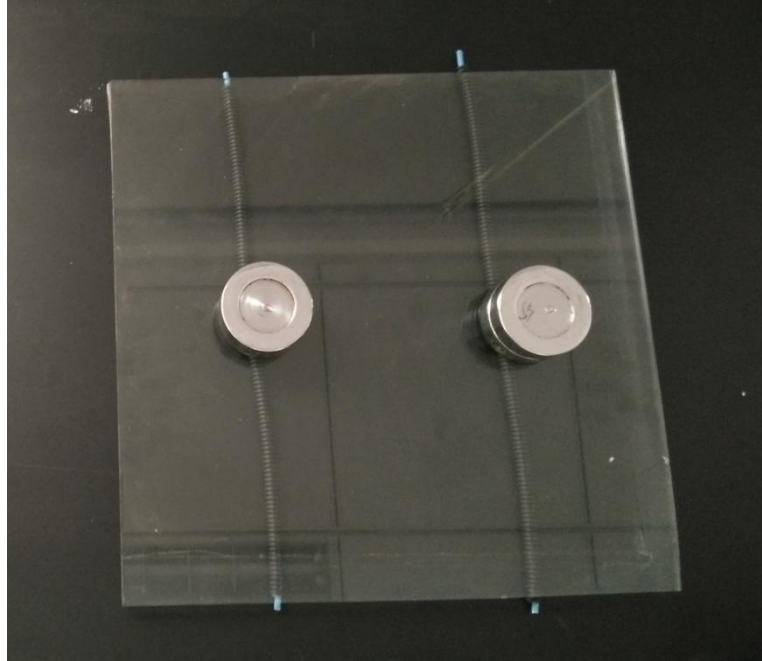
No.	Test Results	Judge
7-1#	After the test,sample was no change,no cracking and no broken.	Pass

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## 7.6 Sample Photo During The Test:



## 7.7 Sample Photo After The Test:





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\*\*\*\*\* End of report \*\*\*\*\*

Notice Items:

1. It is not valid if the report without our stamp. 2. This report must not be altered, increased or deleted.
3. The report is just responsible for the tested sample.4.The sample(s) information was/were submitted and identified on behalf of the client.6. According to the relevant laws and regulations, the unrecognized non-standard testing methods are not within the approved scope of CMA and CNAS.6.Any questions on the report should be put forward within fifteen days since the date on which you receive the report, and overdue is inadmissible. 7. The report must not be partially duplicated except in full, without prior written approval of the company.