

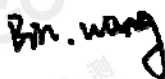
# TEST REPORT

**Client** : Changhong Plastics Group Imperial Plastics Co.,Ltd  
**Address** : 4999express way, xinwu economic development zone,Wuhu,Anhui

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:**

**Sample Name** : Cable fixed head(white)  
**Sample Model** : PG-N07,PG-N09,PG-N11,PG-N13.5,PG-N16,PG-N19,PG-N21,PG-N24,PG-N29,PG-N36,  
PG-N42,PG-N48,PG-N63,PG-07,PG-09,PG-11,PG-13.5,PG-16,PG-19,PG-21,PG-24,  
PG-29,PG-36,PG-42,PG-48,  
PG-63;M12\*1.5,M16\*1.5,M20S\*1.5,M20\*1.5,M25\*1.5,M32\*1.5,M40\*1.5,M50\*1.5,M63\*1.5  
**Sample Quantity** : 10pcs  
**Sample Received Date** : Mar. 16, 2018  
**Sample tested Date** : Mar. 16, 2018~ Mar. 23, 2018

Tested by



Bin Wang(Wang bin)

Mar. 26, 2018

Reviewed by



Kyle Xiong(Xiong Zhi)

Mar. 26, 2018

Approved by



Taylor Chen(Chen Meng)  
Authorized Officer

Mar. 26, 2018

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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# TEST REPORT

## Test Item: Vertical Burning Test

### 1) Environment conditions:

Temperature: 23.4 °C Humidity: 56 %RH

### 2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity
001~010	Cable fixed head(white)	PG-N07	10pcs

### 3) Reference Basis: UL 94 BULLETIN/2-2013

### 4) Test Condition:

Sample size	Length: 130 mm, Width: 7.4 mm, Thickness: 1.5mm
Sample pretreatment	1. 001~005: 23 ± 2C, 50 ± 10% RH, 48H. 2. 006~010: Exchange of air furnace, 70 ± 1°C, 168 Hours after implantation desiccator to cool for at least 4 hours at room temperature.
Procedure	1. Clamp the specimen from the upper 6 mm of the specimen, with the longitudinal axis vertical, so that the lower end of the specimen is 300 ±10 mm above a horizontal layer of not more than 0.08 g of absorbent 100 percent cotton thinned to approximately 50 x 50 mm and a maximum thickness of 6 mm 2. Appliance : methane flow 105ml/min, 10mm water column back pressure. 3. Fire: 20 ± 1mm 4. As soon as afterflaming of the specimen ceases, even if the burner has not been withdrawn to the full 150 mm distance from the specimen, immediately place the burner again under the specimen and maintain the burner at a distance of 10 ±1 mm from the remaining major portion of the specimen for an additional 10 ±0.5 seconds, After this application of the flame to the specimen, immediately remove the burner at a rate of approximately 300 mm/sec to a distance of at least 150 mm from the specimen and simultaneously commence measurement of the afterflame time, t2, and the afterglow time, t3 to the nearest second. Record t2 and t3. The laboratory fume hood shall be evacuated after each specimen.

### 5) Test Equipment:

Equipment Name	Serial No.	Calibration Date
High Temperature Oven	AGC-RE-E061	Dec. 07, 2017.
UL94 Horizontal And Vertical Burning Tester	AGC-RE-E093	Jul. 27, 2017.
Vernier Caliper	AGC-RE-E053	Dec. 09, 2017.

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# TEST REPORT

## 6) Test Results:

After the test, the results were in accordance with V-2.

Conditioning	23±2°C, 50±5%RH,48h					70±1°C,168h				
Test No.	001	002	003	004	005	006	007	008	009	010
After-flame time(s) for each individual specimen t1	9.8	10.2	11.3	12.4	10.4	10.8	12.4	11.4	12.6	13.1
After-flame time(s) for each individual specimen t2	7.6	7.3	6.4	5.6	6.8	6.7	5.5	5.7	5.2	4.8
Total after-flame time(s) for any condition set(t1+t2) for the 5 specimen	87.8					88.2				
After-flame plus afterglow time for each individual specimen after the second flame application(s) t2+t3	7.6	7.3	6.4	5.6	6.8	6.7	5.5	5.7	5.2	4.8
After-flame or afterglow of any specimen up to the holding clamp	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Cotton indicator ignited by flaming particles or drops	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Judge	V-2					V-2				

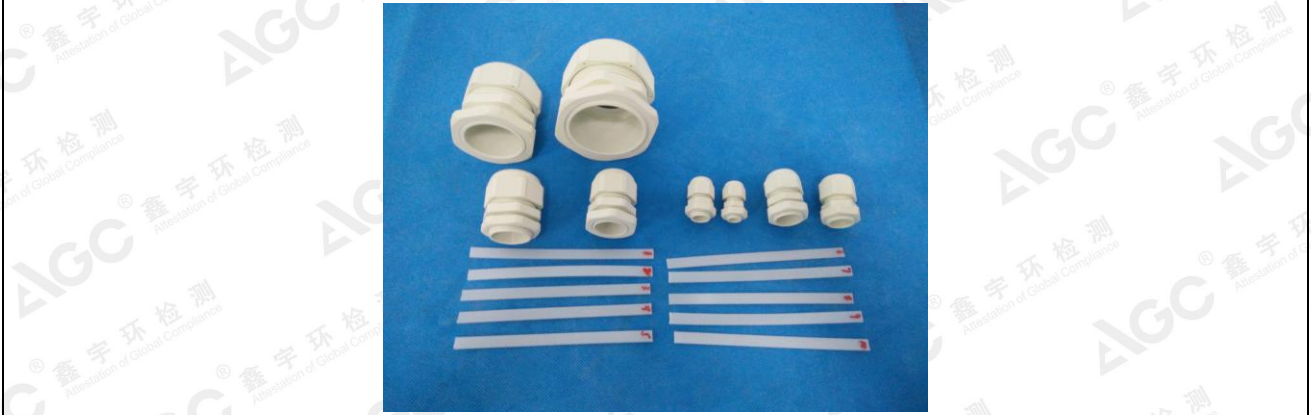
### Standard requirements:

Criteria conditions	V-0	V-1	V-2
After-flame time for each individual specimen t1 or t2	≤10s	≤30s	≤30s
Total after-flame time for any condition set (t1+t2 for the 5 specimen)	≤50s	≤250s	≤250s
After-flame plus afterglow time for each individual specimen after the second flame application (t2+t3)	≤30s	≤60s	≤60s
After-flame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

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# TEST REPORT

**Test sample Photo:**



\*\*\* End of Report \*\*\*

Testing laboratory address: 1F., Building C West, Qinyu Industrial Park, Nanchang Community, Baoan Road, Xixiang Street, Baoan District, Shenzhen, China.

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