

TEST REPORT

NO.: A002R130308065-2R01

Date: Apr. 26, 2013

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Customer: Shenzhen Clear lighting Co., Ltd

Address: Bldg.2, Guanlong Industrial Zone, Xili, Shenzhen, China

Report on the submitted sample said to be:

Sample name: PVC

Model: PVC-JC70

Item/Lot No.: /

Material: /

Buyer: /

Supplier: /

Manufacturer: /

Sample received date: Mar. 08, 2013

Testing period: From Mar. 08, 2013 to Apr. 26, 2013

Testing Requested

As specified by client, to do Xenon lamp test on the submitted sample.

Testing method:

ISO 4892-2:2009

Result

Pass

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of

Shenzhen AOV Testing Technology Co., Ltd, Kunshan Branch

Project Leader: Winnie

Yin Ying, Winnie
Physics Test Director

Reviewed by: Weikin

Wang Weixin, Weikin
Technical Director

Approved by: Mickey

Yuan Qi, Mickey
Lab Manager

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Testing Parts

1. Laboratory temperature and humidity

Temperature	23°C ± 2°C
Humidity	50% RH ± 5%RH

2. Testing Condition

2.1 Irradiation intensity: 0.51w/m²@340nm

2.2 BPT: 65°C

2.3 Relative humidity: 50%

2.4 Light 102min, spray 18min

2.5 Test time: 1000h

3. Testing Instrument

Light Aging Test Chamber

Equipment Number : Q-Sun Xe-3-HBS

Calibration Number : 900194753

Calibration Date : 2013.01.09

Period of validity : 1 year

4. Testing Result

4.1 Appearance description

Sample name	Testing result
PVC	After light 120 h test, sample clear yellow.

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4.2 ΔE and gray scale

Sample name	D65/10 SCI						Gray scale (according to ISO 105 A02)	
	Before test			After 120h test			ΔE	Grade 2
	L	a*	b*	L	a*	b*		
	38.51	1.49	-10.45	38.15	-0.55	-2.23	8.48	
PVC	Before test			After 240h test			ΔE	Grade 2
	L	a*	b*	L	a*	b*		
	38.51	1.49	-10.45	38.03	-0.78	-2.49	8.29	
	Before test			After 480h test			ΔE	Grade 2
	L	a*	b*	L	a*	b*		
	38.51	1.49	-10.45	37.07	-0.46	-2.17	8.63	
	Before test			After 720h test			ΔE	Grade 1-2
	L	a*	b*	L	a*	b*		
	38.51	1.49	-10.45	38.19	-0.51	-1.54	9.14	
	Before test			After 1000h test			ΔE	Grade 1-2
	L	a*	b*	L	a*	b*		
	38.51	1.49	-10.45	38.25	-0.72	-1.83	8.90	

Note

- Photo is included

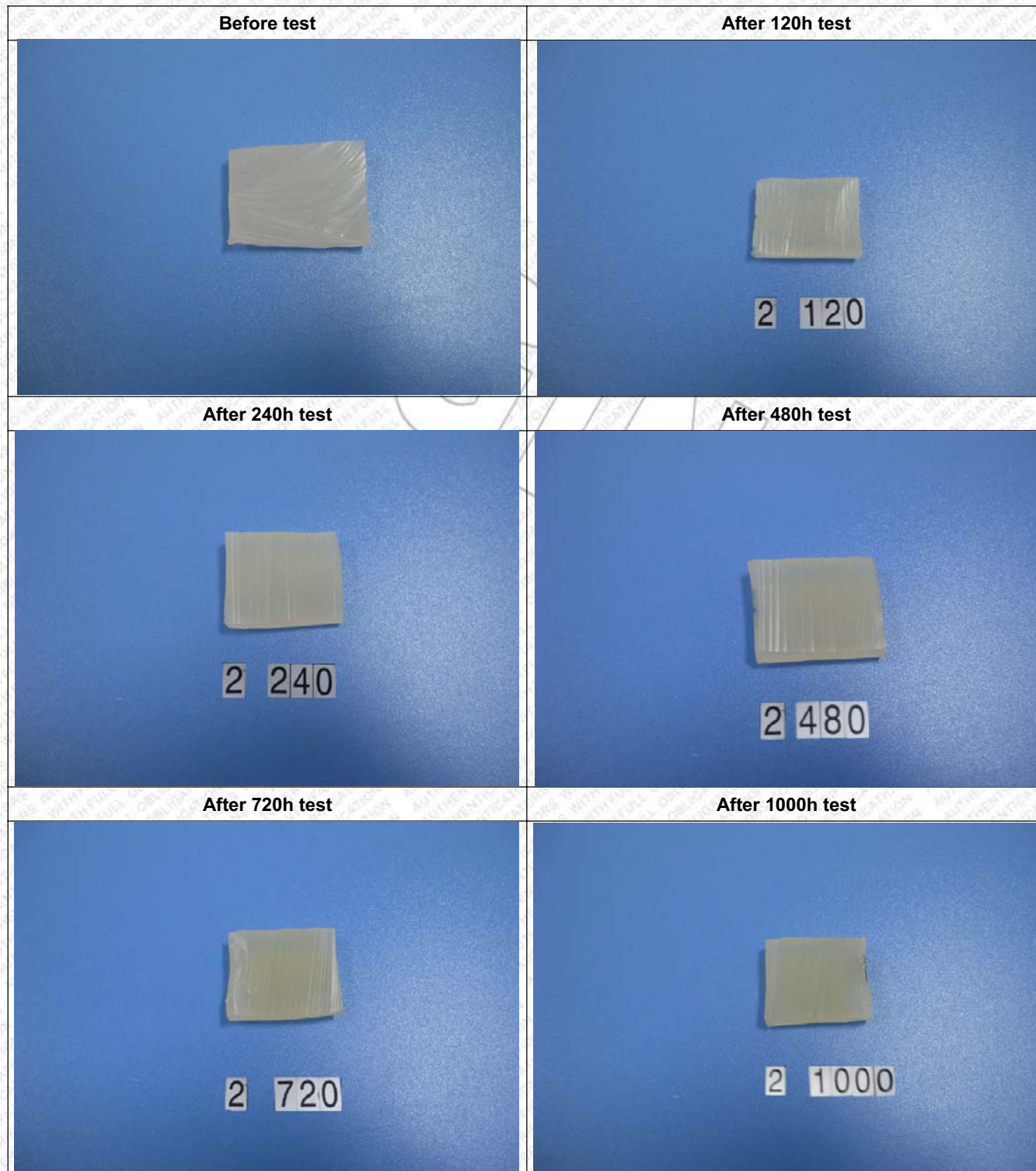
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Testing Photos



End of Report