



(2006) (粤) 质监验字 008 号

# 检 验 报 告

## TEST REPORT

产品名称 Name of sample	Combustion-proof PVC-U Cable trunking
型号规格 Specifications	24×14mm B 100
受检单位 Inspected unit	Guangdong Liansu Technology Industrial Co.,Ltd
检验类别 Test purpose	Sampling Test

广东省产品质量监督检验中心



Guangdong Test Center of Product Quality Supervision

## Guangdong Test Center of Product Quality Supervision

## TEST REPORT

Total 3 P No. 1 P

Name of sample (Type, Trade mark, Class)	Combustion-proof PVC-U Cable trunking  24×14mm B 100 L&S	Produced date	2008.12
		No. of sample tested	—
		No. of testing plan	GHP2009015
Inspected unit	Guangdong Liansu Technology Industrial Co., Ltd	Test purpose	Sampling Test
Produced by	Guangdong Liansu Technology Industrial Co., Ltd	Quantity of sample	1.2m×10
Commission unit	—	Basic quantity of sampling	4500m
Space of sampling	Storehouse	Date of sampling / receiving	2009.01.04
Way of incoming sample Person of sampling / sending	Sampling(Huang Peng, Lin Jianhua)	Date of tested	2009.03.31
Based on	1、IEC 61084-2-1-1996 《Cable trunking and ducting systems for electrical installations - Part 2: Particular requirements - Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings》; 2、GB8624-1997 《classification for burning behavior of building materials and products》.		
Remarks	Remarks: The 6 items were checked according to the requirements of IEC 61084-2-1-1996 and GB8624-1997. All items tested were in compliance with the standards based on.		
Notes	1、CEST Inspection Application No.: YFM09/00846; 2、The test method refer to QB/T1614-2000.		

Approved by:



Checked by:



Tested by:




## TEST REPORT

Total 3 P No. 2 P

1. IEC 61084-2-1-1996 (Cable trunking and ducting systems for electrical installations - Part 2: Particular requirements - Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings);
2. GB8624-1997 (classification for burning behavior of building materials and products) .

No.	Test Item	Standard Value		Test Value	Verdict
1	Construction	Any surface or edge shall not damage the conductors or cables.		OK	Pass
		Any screws, studs or other securing devices shall be fitted so as not to damage the conductors or cables.		OK	
		The screws shall be tightened and removed. During the test, there shall be no damage such as breakage of the screw or damage to the head or thread that will impair the further use of the screw.		OK	
2	Mechanical properties	Cable supporting test for surface mounting, 60°C±2°C	The distortion shall not exceed 10% of H with a maximum of 10mm. The cover shall not be detached during the test.	OK (<0.02mm)	Pass
		Impact test	After the test the samples shall show no signs of disintegration nor shall there be any cracks visible to normal or corrected vision without magnification. Any cracks in internal dividers which are not likely to impair electrical safety or use are ignored.	OK	
		External load test	During the test the apparatus mounting device shall not turn through an angle of more than 15° from its initial position.	OK	
3	Resistance to flame propagation	The sample does not ignite, or in the case of ignition, flames extinguish within 30 s after the removal of the flame.		OK	Pass
4	Electrical insulating strength and insulation resistance test for systems with electrical insulating characteristics	Insulated resistance	≥100 (MΩ)	>200	Pass
		Electrical insulating strength	No hit break	OK	



## TEST REPORT

Total 3 P No. 3 P

1. IEC 61084-2-1-1996 (Cable trunking and ducting systems for electrical installations - Part 2: Particular requirements - Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings);  
 2. GB8624-1997 (classification for burning behavior of building materials and products) .

No.	Test Item	Standard Value GB8624-1997	Test Value	Verdict
5	OI	≥32(%) (Materials of B <sub>1</sub> class)	36.4	Pass
6	Plump burning	FV-0 (Materials of B <sub>1</sub> class)	FV-0	Pass
7	Level burning	FH-I (Materials of B <sub>1</sub> class)	FH-I	Pass
8	Density of smoke	SDR≤ 75 (Materials of B <sub>1</sub> class)	49.6	Pass

## APPENDIX:

1. Place of test (if not the same with the address of this report) \_\_\_\_\_
2. Address and postcode of the commission \_\_\_\_\_
3. Test ambient condition  
 Temperature 21°C ~ 25 °C Relative humidity 50 %~ 55 % Others \_\_\_\_\_
4. Sampling procedure (if applicable) \_\_\_\_\_
5. Statement of deviating standard method (if applicable) \_\_\_\_\_
6. Uncertainty statement of test results (if applicable) \_\_\_\_\_
7. Subcontracted items and subcontractors (if applicable) \_\_\_\_\_

