

SHANGHAI RICHENG ELECTRONICS CO., LTD

SHANGHAI OLD HUMIN ROAD CHINA

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

Sample Description: WIRING DUCT

SGS Ref No.: 10358624

Test Requested:

ASTM E662:2003 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

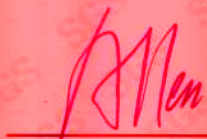
Test Results: --- See attached sheet ---

Test Period:

Sample Receiving Date : AUG.13, 2010

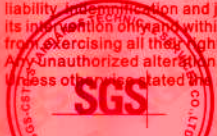
Test Performing Date : AUG.13, 2010 TO AUG.19, 2010

Signed for and on behalf of
SGS-CSTC Co., Ltd.



Allen Zou
Technical Supervisor

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2) Non - Flaming mode

	Test Specimen			Flaming dripping or flaming running	Average Optical density
	#1	#2	#3		
Temperature of chamber wall (°C)	33	33	34	NO	
$D_{S\ 1.5}$	18	32	21		23.7
$D_{S\ 4.0}$	189	195	201		195.0
D_m	457	425	438		440
t_{D_m}	730	750	720		
$Dm(corr)$	23	18	20		20.3
Observations	Color of the smoke black				

Note:

$D_{S\ 1.5}$ = Specific optical density at 1.5 minutes;

$D_{S\ 4.0}$ = Specific optical density at 4.0 minutes;

D_m = maximum specific optical density;

$Dm(corr)$ = corrected D_m , $Dm(corr) = D_m - D_c$

t_{D_m} = time of D_m occurrence

STATEMENTS:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.

The specimen was supplied by the supplier and SGS SCS branch was not involved in any selection or sampling procedure.

To be continued...

Photo Appendix:



End of Report

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com

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