

The following merchandise was submitted by the vendor as:

Product Description : 750°C Fire Resistance High Temperature Wire

Item No. : CF-750 STYLE FR

Country of Origin : Taiwan

Quantity : Total 1 piece each

**We have tested the submitted sample(s) as requested and the following results were obtained:**

**Test Required** : (According to client's test specification, please see following sheets in detail.)

Fire Resistance Test: BS6387-C, BS6387-W, BS6387-Z, IEC331, IEC332

**Test Equipment** :

Lateral Ignition and Flame Spread Test Apparatus (LIFT)

**Reference Method** :

1. ASTM E1317-93, ASTM E1321-93, ISO 5658, and IMO Resolution A.653(16)  
Standard Test Method for Measurement of LIFT

**Test Results** :

### 1. Appearance of specimen



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The value of required specifications are for reference only.  
Conformity judgment is the Applicant's final verdict.

Signed for and on behalf of  
SGS TAIWAN Ltd.

# TEST REPORT

Material & Engineering Laboratory-Taipei

Report No. : HR-10-00245X

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Date : March 22, 2010

## 2. Procedures

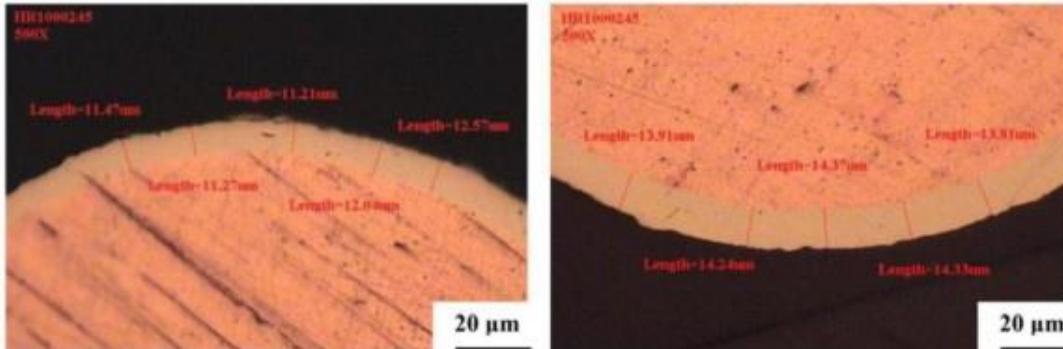
Test Items	Test Method	Report Limit	Result
BS6387-C	With reference to IEC 331 edition 1.0:2008 in annex B, by boiling water extraction, 950°C flame direct impact for 3 hours, and determined by UV-Vis spectrophotometer.	Surface with no major melt down in 20µm	Pass
BS6387-W	With reference to IEC 332 edition , subject exposed in 650°C for 15 minutes with fire alone with water spray for 15 minutes, and determined by GC - MSD and further HPLC confirmation when necessary.	Electricity transmission has no major interference and also water-proof.	Pass
BS6387-Z	With reference to IEC 754 edition, subject with 950°C fire mechanical shock for 15 minutes, and determined by GC - MSD and further HPLC confirmation.	No critical failure on gasses evolved in fire condition.	Pass

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### 3. Flame resistance testing



OM image of cross section X500

—THE END—

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