

T e s t R e p o r t

Report No : L16588E

Client: : Penhale Quantock Ltd
Units 13-15 Roughmoor Enterprise Centre
Roughmoor Trading Estate
Williton
Somerset
TA4 4AT

Description : Small Diffuser

Manufacturer : Not disclosed

Type/Model : Solar/dart lumaax diffuser

Test Specification : BS EN 60695-2-11:2014 – Glow-wire flammability test method for end-products (GWEPT)

Date Testing Started : 20/07/2017

Conclusion : On the basis of the tests undertaken, the submitted sample is considered to comply with the requirements of the above specification.

Date of Issue : 27/07/2017

Date of Expiry : 26/07/2022

Tested by: J. ARNOLD
Position: Laboratory Engineer



Approved: A.SANGI
Position: Technical Lead-
Product Safety



1286

INTRODUCTION

Penhale Quantock Ltd have supplied the product identified in Table 1. for Glow wire flammability testing in accordance with the specification detailed on page one of this report.

PRODUCT DETAILS

Table 1. Test Sample Details

Product Description	Small Diffuser
Model No.	Solar/dart lumaax diffuser
Number of Samples tested	One
Condition on Receipt	Good
Classification	Suitable for mounting on normally flammable surfaces – Normal Use
Product Specification and Preparation	
Height:	73mm
Width:	326mm
Thickness:	2.61mm
Method of preparation:	A piece has been cut containing the specimen under examination from a complete and assembled end product
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

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RESULTS

CLAUSE CLAUSE TITLE AND RESULTS

7.1 Conditioning of test specimens

The test specimen has been conditioned for 24 hours in an atmosphere having a temperature between 15°C and 35°C and a relative humidity between 45% and 75%.

8.1 General

The test specimen has been arranged so that the tip of the glow-wire was applied to the part of the surface which is likely to be subjected to thermal stresses in normal use. The glow-wire has been maintained as close to horizontal as is practicable.

8.2/9 Test Temperature and Observations

When subjected to the Glow Wire Test at 850°C, the sample did not ignite. No drop occurred to the tissue paper situated beneath the test sample.

The requirement of the Standard is that the duration of any burning shall not exceed 30 seconds after removal of the Glow wire and any burning drop from the sample shall not ignite the underlying parts of tissue paper spread out horizontally 200mm below the sample.

GWEPT: 850

NO OTHER TESTS WERE PERFORMED ON THE SAMPLE.

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DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

ILLUSTRATION



Figure 1. *Product image*

End