

Our Ref: SW/PN/GL

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**Report 258149**

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|                       |   |   |
|-----------------------|---|---|
| DATE RECEIVED         | : | 16 JULY 2015  |
| QUALITY/REFERENCE     | : | Q4199 SHETLAND  |
| REPUTED FIBRE CONTENT | : | POLY WITH ANTIBAC CRIB 5<br>FLUOROCARBON WATERPROOF COATING |
| FABRIC DESCRIPTION    | : | WOVEN   |
| COLOUR/DESIGN         | : | CHARTREUSE  |
| END USE               | : | UPHOLSTERY  |

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REQUEST: IMO Fire Test Procedures 2010: Part 8 Test for upholstered furniture

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COMMENTS: The sample submitted is classified as meeting the flammability performance requirements of Part 8 of the IMO 2010 FTP Code.

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**HEAD OF FLAMMABILITY**

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**IMO Fire Test Procedures 2010: Part 8 Test for upholstered furniture**

**Procedure**

The specimen of Fabric, Ref: Q: 4199 Shetland was tested in the “as received” condition using standard non-flame retardent polyurethane foam filling material of approximate density of 20-22 kg/m<sup>3</sup>. The tests were carried out after the specimens had been conditioned for 72 hours at indoor ambient conditions followed by 16 hours in the standard atmosphere of (23 ± 2) °C and (50 ± 5) % relative humidity.

Tests were carried out using ignition source ‘0’ (smouldering cigarette) and ‘1’ (match equivalent propane flame). All tests were performed in duplicate.

Note: Commercial grade propane gas (approx. 90% purity) was used instead of the 95% pure propane gas specified in the test method.

**Requirements**

Ignition source 0                      No flaming or progressive smouldering within one hour of the placement of the cigarettes.

Ignition source 1                      All flaming and progressive smouldering to cease within 120 seconds of the removal of the burner tube.

In addition if progressive smouldering is found on dismantling the test rig then the sample fails the requirements of the above standard.

**Results**

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

| <u>Ignition source</u> | <u>Duration of flaming, s</u> | <u>Progressive Smouldering</u> | <u>Assessment of ignition</u> |
|------------------------|-------------------------------|--------------------------------|-------------------------------|
| 0                      | 0                             | No                             | Pass                          |
| 0                      | 0                             | No                             | Pass                          |
| 1                      | 2                             | No                             | Pass                          |
| 1                      | 2                             | No                             | Pass                          |

**Comments**

The sample submitted is classified as meeting the flammability performance requirements of Part 8 of the IMO 2010 FTP Code.