



DIVERSIFIED
TESTING LABORATORIES, INC.
WORLDWIDE SERVICE

“We Test Per Your Request”

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January 27, 2020

THORLABS LTD.
1 Saint Thomas Place
Cambridgeshire Business Park
Ely, Cambridgeshire CB7 4EX
United Kingdom

Reference: Laboratory Test Report
Lab Identification No. 39818
Invoice No. 71093

One (1) fabric sample, identified as **THORLABS LASER CURTAIN RAW MATERIAL**, was received and tested in accordance with the Classification Fire Test: BFD IX-1 issued by the Office of Fire Marshal of the Boston Fire Department (Revised 5/03). The results are as follows:

Test Results

| <u>Specimen Number</u> | <u>After Flame (sec)</u> | | <u>After Glow (sec)</u> | | <u>Char Length (in)</u> | |
|------------------------|--------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| | <u>Length</u> | <u>Width</u> | <u>Length</u> | <u>Width</u> | <u>Length</u> | <u>Width</u> |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 3.5 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 3.8 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 3.8 |
| Avg. | | | | | 3.7 | |

The sample submitted **meets** the minimum requirements of the above standard. After flame shall not exceed two seconds. Flame propagation (char length) and after flame shall not extend beyond six inches from the bottom edge of the specimen. Propagating afterglow shall not exceed forty seconds; non-propagating afterglow in the charred area shall not exceed eighty seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr

