



DIVERSIFIED
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“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 National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2019 Edition, (Test 1)". *The sample was tested after 72 hours of leaching.* The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u>	
	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	1.16
2	0.0	1.14
3	0.0	0.96
4	0.0	1.07
5	0.0	0.96
6	0.0	0.92
7	0.0	0.90
8	0.0	0.98
9	0.0	0.97
<u>10</u>	<u>0.0</u>	<u>0.60</u>
AVG	0.0	0.97

The sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

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

Sincerely,

Brian S. Dement

BSD/mr

