

# RESISTANCE TO IGNITION CERTIFICATION

## PASS

Supplier: Thorlabs Limited  
Purchase Order Number: EO-265946  
Requirements: EN 12254: 2010(E) Clause 4.6 "Resistance to Ignition"

Cert. Number: 51507  
Date: October 22, 2015

### TEST PARAMETERS

Coating Type: N/A  
Test Wavelength: N/A  
Polarization: N/A  
Pulsewidth (FWHM): N/A  
Spot Diameter (1/e): N/A  
Test Prep: None  
Quantity: 3 (sample size ~76mm x 76mm)

Substrate Material: Fabric  
Incidence Angle: 0°  
PRF: N/A  
Transverse Mode: N/A  
Axial Modes: N/A  
Number of Sites: 1  
Exposure Duration: N/A

### TEST RESULTS:

<u>Sample</u>	<u>Mechanical Strength</u>
17	Pass
17	Pass
17	Pass

COMMENTS: Samples tested in accordance to EN:1598: 1997. Sample size was smaller than required by specification. 1) Flame does not reach the test mark with the burner in position. 2) Flame self-extinguishes after removal of the burner. 3) Material does not continue to glow for more than 1 second after removal of the burner.

**Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.**

Test conducted by \_\_\_\_\_

  
**Spica**  
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