

LASER OPTICAL DENSITY CERTIFICATION

D, AB5

Supplier: Thorlabs Limited
Purchase Order Number: EO-265946
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
1050-1400 nm Range.

Cert. Number: 51496
Date: September 22, 2015

TEST PARAMETERS

Coating Type: N/A	Substrate Mat'l: Fabric
Test Wavelength: 1070 nm	Incidence Angle: 0°
Polarization: Linear	PRF : CW
Pulsewidth (FWHM): N/A	Transverse Mode: TEM ₀₀
Spot Diameter (1/e): 0.976 mm	Axial Modes: Multiple
Test Prep: None	Number of Sites: 1
Quantity: 3	Exposure Duration: 100 seconds

TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
1	Sample maintains AB5 during irradiation.
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COMMENTS: Laser penetrated fabrics at AB6.

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 _____


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