

LASER OPTICAL DENSITY CERTIFICATION

I, AB5

Supplier: Thorlabs Limited
Purchase Order Number: EO-396767
Part Number: F002
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
1400-10,600 nm Range.

Cert. Number: 60000
Date: September 18, 2018

TEST PARAMETERS

Coating Type: n/a
Test Wavelength: 10.6 μm
Polarization: Linear
Pulsewidth (Square): 100 ms
Spot Diameter (1/e): 0.986 mm
Test Prep: None
Quantity: 3

Substrate Mat'l: Fabric
Incidence Angle: 0°
PRF : 10 Hz
Transverse Mode: TEM₀₀
Axial Modes: Multiple
Number of Sites: 1
Exposure Duration: 100 seconds

TEST RESULTS:

Sample

Measurement Level

31	Sample maintains AB5 during irradiation.
32	Sample maintains AB5 during irradiation.
33	Sample maintains AB5 during irradiation.

COMMENTS: Laser penetrated fabric at AB5.5.

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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