

LASER OPTICAL DENSITY CERTIFICATION

R AB6

Supplier: Thorlabs Limited
Purchase Order Number: EO-350803
Part Number: 79100
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2. 315-1400 nm Range.

Cert. Number: 56900
Date: June 29, 2017

TEST PARAMETERS

Coating Type: N/A	Substrate Material: Fabric
Test Wavelength: 1064 nm / 532 nm	Incidence Angle: 0°
Polarization: Random	PRF : 5 Hz
Pulsewidth (square): 10 ns	Transverse Mode: TEM ₀₀
Spot Diameter (1/e): 1.00 / 0.939 mm	Axial Modes: Multiple
Test Prep: N ₂ blow	Number of Sites: 1
Quantity: 3	Exposure Duration: 1000 shots/site

TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
58	Sample maintains AB6 during irradiation.
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60	Sample maintains AB6 during irradiation.

COMMENTS: Laser penetrates samples at AB7.

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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