

# LASER OPTICAL DENSITY CERTIFICATION

## D AB<sub>x</sub>

Supplier: Kentek Corporation  
Purchase Order Number 92018  
Part ID: A5411B Requirements:  
EN12254: 2017, Table 2

Cert. Number: 76458-C  
Date: August 17, 2023

### TEST PARAMETERS

Coating Type: N/A  
Test Wavelength: 1070 nm  
Polarization: Random  
Pulse Width (FWHM): N/A  
Spot Diameter (1/e): 1.00 mm  
Test Prep: N<sub>2</sub> blow  
Quantity: 4 (3 samples of each material)

Substrate Material: Acrylic  
Incidence Angle: 0°  
PRF: CW  
Transverse Mode: Gaussian  
Axial Modes: Multiple  
Number of Sites: 1  
Exposure Duration: 100 seconds

### TEST RESULTS:

| <u>Sample</u>   | <u>Resistance Class</u> | <u>Optical Density</u> |
|-----------------|-------------------------|------------------------|
| A5411B (orange) | D AB4                   | 4.54                   |

COMMENTS: Resistance class below absolute optical density due to penetration.

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**  
Technologies Inc.

18 Clinton Drive #3  
Hollis, NH 03049  
[www.spicatech.com](http://www.spicatech.com)  
603-882-8233