



precisionphotonics

Laser Damage Threshold Data

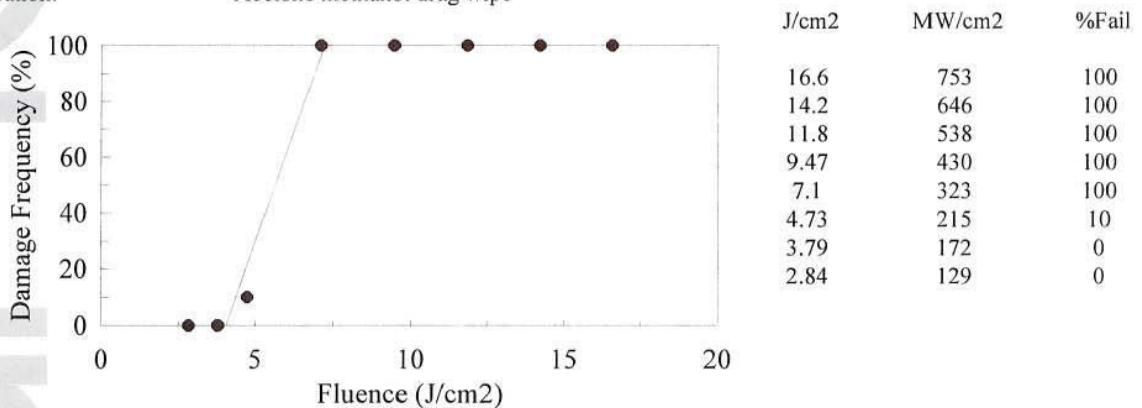
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LASER DAMAGE THRESHOLD

Customer: Precision Photonics Corp. Certificate No.: 12682 #1
Purchase Order Number: 1152 Issued: Aug. 1, 2007
Substrate Material: Unknown Coating Type: PBSC@700-1100nm
Part No.: WO3060 Lot No.: WO3060 Arrow Side
Special Requirements: Per P.O.
Wavelength (nm): 1064 Spot Diam. (FW/e2, mm): .5
Repetition Freq. (Hz): 20 Incidence Angle (deg.): 0
Pulse Width (FWHM, ns): 20 Polarization State: Linear "P"
Axial Modes: Multiple Transverse Modes: TEM00
No. Sites Tested: 45 No. Shots/Site: 200
Damage Definition: Permanent surface change Inspection Method: Nomarski/Darkfield 150X
Preparation: Acetone methanol drag wipe



Test Results: Damage Threshold: 4.1 J/cm2 or 184 MW/cm2
Damage Type: Propagating pit(s) on the hypotenuse