ISO/TR 22588:2005-09 (E)

Optics and photonics - Lasers and laser-related equipment - Measurement and evaluation of absorption-induced effects in laser optical components

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Absorption 1
2.1 General 1
2.2 Measurement of absorption 3

3 Distortion 4
3.1 General 4
3.2 Measurement of distortion 4
3.3 Discussion 4

4 Refractive index and birefringence 5
4.1 General 5
4.2 Measurement of birefringence 6
4.3 Discussion 6

5 Beam propagation 6
5.1 General 6
5.2 Measurement of propagation parameters 7
5.3 Discussion 7

6 Laser-induced damage threshold 7
6.1 General 7
6.2 Measurement of laser-induced damage threshold 7
6.3 Discussion 7

7 Discussion 8

Bibliography 18