

ISO 17411:2014-06 (E)

Optics and photonics - Optical materials and components - Test method for homogeneity of optical glasses by laser interferometry

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Measuring apparatus	2
5.1	General	2
5.2	Laser interferometer	2
5.3	Interferogram analysis device	2
5.4	Thermostatic chamber	2
5.5	Vibration isolation device	2
6	Preparation of sample	2
7	Operation	3
8	Measurement	3
9	Calculation	3
10	Test report	4
Annex A (informative) Laser interferometer		6
Annex B (informative) Temperature stability for homogeneity measurements		9
Annex C (informative) Measuring method using flatness correction plates		11
Annex D (informative) Flatness of the sample		13
Annex E (informative) Method for obtaining PV value of wavefront		15