

ISO 22531:2020-05 (E)

Optics and photonics - Optical materials and components - Test method for climate resistance of optical glass

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Test apparatus		1
5.1 Configuration.....		1
5.2 Thermostatic chamber.....		3
5.3 Glass water tank and lid.....		3
5.4 Water.....		3
5.5 Stirring unit.....		4
5.6 Seal.....		4
5.7 Specimen holder.....		4
5.8 Specimen holder stand.....		4
5.9 Water tank stand.....		4
6 Specimens		5
6.1 Shape and size of specimens.....		5
6.2 Number of specimens.....		5
6.3 Surface treatment of specimens before test.....		5
7 Test method		6
7.1 Procedure of the test.....		6
7.2 Calculation.....		7
8 Classification and designation		8
9 Test report		8
Annex A (normative) Test conditions for the thermostatic chamber		10
Annex B (normative) Procedure for polishing and cleaning the specimens		12
Bibliography		14