

ISO 12123:2018 (E)

Optics and photonics — Specification of raw optical glass

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Tolerances
4.1	Principal refractive index
4.2	Refractive index variation
4.3	Abbe number
4.4	Spectral internal transmittance
4.5	UV cut-off edge and colour code
4.5.1	General
4.5.2	UV cut-off edge
4.5.3	Colour code
4.6	Optical homogeneity
4.7	Striae
4.8	Bubbles and inclusions
4.9	Stress birefringence
5	Deviation of the relative partial dispersion from the normal line — Definition of the normal lines
6	Indications for ordering raw glass parts
Annex A	(informative) Recommendation for the specification of raw optical glass for a given optical element specification
A.1	General
A.2	Refractive index variation
A.3	Deviation of the relative partial dispersions from the normal line
A.4	Optical homogeneity
A.5	Striae
A.6	Bubbles and inclusions
A.7	Stress birefringence