

# ISO 12123:2010-04 (E)

## Optics and photonics - Specification of raw optical glass

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Tolerances .....</b>	<b>4</b>
4.1	Principal refractive index .....	4
4.2	Refractive index variation .....	4
4.3	Abbe number .....	4
4.4	Spectral internal transmittance .....	4
4.5	UV cut-off edge and colour code .....	5
4.6	Optical homogeneity .....	5
4.7	Striae .....	6
4.8	Bubbles and inclusions .....	6
4.9	Stress birefringence .....	7
<b>5</b>	<b>Indications for ordering raw glass parts .....</b>	<b>8</b>
<b>Annex A (informative) Recommendation for the specification of raw optical glass for a given optical element specification .....</b>		<b>9</b>
<b>Bibliography .....</b>		<b>15</b>