

# ISO 10322:2026-04 (E)

## Ophthalmic optics - Semi-finished blanks

---

<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>Classification .....</b>	<b>1</b>
<b>5</b>	<b>Requirements .....</b>	<b>2</b>
<b>5.1</b>	<b>General .....</b>	<b>2</b>
<b>5.2</b>	<b>Optical requirements for the finished surface .....</b>	<b>2</b>
<b>5.2.1</b>	<b>General .....</b>	<b>2</b>
<b>5.2.2</b>	<b>Surface power .....</b>	<b>2</b>
<b>5.2.3</b>	<b>Uniformity of the surface power of spherical single-surface-power blanks and multifocal blanks .....</b>	<b>3</b>
<b>5.2.4</b>	<b>Surface addition power for multifocal blanks and variation power for power- variation blanks .....</b>	<b>3</b>
<b>5.3</b>	<b>Geometrical tolerances .....</b>	<b>4</b>
<b>5.3.1</b>	<b>Classification of, and tolerances on, the sizes .....</b>	<b>4</b>
<b>5.3.2</b>	<b>Thickness .....</b>	<b>5</b>
<b>5.3.3</b>	<b>Segment geometry for multifocal blanks .....</b>	<b>5</b>
<b>5.4</b>	<b>Orientation of the plane of transmission for polarizing blanks .....</b>	<b>6</b>
<b>5.5</b>	<b>Packaging .....</b>	<b>6</b>
<b>6</b>	<b>Test methods .....</b>	<b>6</b>
<b>6.1</b>	<b>General .....</b>	<b>6</b>
<b>6.2</b>	<b>Surface power .....</b>	<b>6</b>
<b>6.3</b>	<b>Addition power or variation power .....</b>	<b>7</b>
<b>6.3.1</b>	<b>General .....</b>	<b>7</b>
<b>6.3.2</b>	<b>Addition power for multifocal blanks .....</b>	<b>7</b>
<b>6.3.3</b>	<b>Variation power for blanks with power-variation surfaces .....</b>	<b>9</b>
<b>6.4</b>	<b>Segment geometry for multifocal blanks .....</b>	<b>9</b>
<b>6.5</b>	<b>Material and surface quality .....</b>	<b>9</b>
<b>7</b>	<b>Marking and identification .....</b>	<b>9</b>
<b>7.1</b>	<b>Marking .....</b>	<b>9</b>
<b>7.1.1</b>	<b>Blanks with spherical and aspherical surfaces .....</b>	<b>9</b>
<b>7.1.2</b>	<b>Blanks with power-variation surfaces .....</b>	<b>9</b>
<b>7.2</b>	<b>Labelling on the package .....</b>	<b>10</b>
<b>7.2.1</b>	<b>All type of blanks .....</b>	<b>10</b>
<b>7.2.2</b>	<b>Multifocal blanks .....</b>	<b>10</b>
<b>7.2.3</b>	<b>Power-variation blanks .....</b>	<b>10</b>
<b>7.3</b>	<b>Information to be made available .....</b>	<b>11</b>
<b>8</b>	<b>Reference to this document .....</b>	<b>11</b>
<b>Annex A (informative)</b>	<b>Material and surface quality .....</b>	<b>12</b>
<b>Annex B (informative)</b>	<b>Conversion of surface power and surface power tolerances from the refractive index of the blank to that of an instrument's fixed reference .....</b>	<b>13</b>
<b>Bibliography .....</b>		<b>16</b>

