# ISO 10322-2:2016-03 (E)

## Ophthalmic optics - Semi-finished spectacle lens blanks - Part 2: Specifications for progressive-power and degress ive-power lens blanks

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 1

4 Classification ..... 1

5 Requirements ..... 1
5.1 General ..... 1
5.2 Optical requirements for the finished surface ..... 1
5.2.1 General ..... 1
5.2.2 Tolerances on the surface power ..... 2
5.2.3 Tolerances on the surface addition power for progressive-power lens blanks ..... 2
5.3 Geometrical tolerances ..... 2
5.3.1 Tolerances on the size ..... 2
5.3.2 Tolerances on thickness ..... 3
5.4 Orientation requirement for polarizing lens blanks ..... 3

6 Test methods ..... 3
6.1 General ..... 3
6.2 Determination of surface power ..... 3
6.3 Surface addition power measurement for progressive-power lens blanks ..... 3
6.3.1 General ..... 3
6.3.2 Measurement ..... 4
6.4 Inspection method for material and surface quality ..... 4

7 Marking and identification ..... 4
7.1 Marking ..... 4
7.1.1 Permanent marking ..... 4
7.1.2 Optional non-permanent marking ..... 4
7.2 Identification required on the package ..... 4
7.3 Information to be made available ..... 5

Annex A (informative) Material and surface quality ..... 6

Annex B (informative) Conversion of surface power tolerances from the refractive index of the lens blank to that of an instrument's fixed reference ..... 7

Annex C (informative) Addition power measurement by transmission ..... 8

Bibliography ..... 9