DIN EN ISO 13666:2019-12 (Englisch)

Ophthalmic optics - Spectacle lenses - Vocabulary (ISO 13666:2019)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **7**

1 Scope ... **8**

2 Normative references ... **8**

3 Terms and definitions ... **8**

3.1 Basic optics ... 8
3.2 Lenses and their dispensing ... 11
3.3 Lens materials ... 21
3.4 Lens surfaces ... 22
3.5 Classification according to function ... 24
3.6 Classification according to form ... 25
3.7 Classification according to type of lens ... 26
3.8 Classification according to state of manufacture ... 27
3.9 Measurement of dioptric properties of lenses ... 29
3.10 Focal properties ... 31
3.11 Prismatic properties ... 35
3.12 Spherical-power lenses ... 37
3.13 Astigmatic-power lenses ... 37
3.14 Lenticular lenses ... 39
3.15 General descriptive terms for multifocal and power-variation lenses ... 40
3.16 Optical centration and focal properties of multifocal and power-variation lenses ... 44
3.17 Transmittance, reflectance and polarization ... 46
3.18 Coatings ... 53

Annex A (informative) **Spectral weighting functions and spectral distributions** ... **55**

Bibliography ... **66**

Alphabetical index ... **67**