

ISO 23131-3:2026-01 (E)

Ellipsometry - Part 3: Transparent single layer model

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms, definitions and symbols.....	1
3.1 Terms and definitions.....	1
3.2 Symbols and abbreviated terms.....	1
4 Transparent single layer model.....	2
4.1 Optical path.....	2
4.2 Assumptions.....	3
4.2.1 General.....	3
4.2.2 Deviations from model assumption M1.....	4
4.2.3 Deviations from model assumption M2.....	4
4.2.4 Deviations from model assumption M3.....	4
4.2.5 Deviations from model assumption M4.....	5
4.2.6 Deviations from model assumption M5.....	5
4.2.7 Deviations from model assumption M6.....	5
4.2.8 Deviations from model assumption M7.....	5
4.2.9 Deviations from model assumption S1.....	5
4.2.10 Deviations from model assumption S2.....	6
4.3 Special characteristics of the transparent single layer model.....	6
4.4 Validation.....	7
4.5 Measurement uncertainty.....	8
4.5.1 Measurement uncertainty of the ellipsometric transfer quantities Ψ and Δ	8
4.5.2 Measurement uncertainty u_d of the layer thickness d	9
5 Test report.....	12
Annex A (informative) Additions to the transparent single layer model.....	13
Bibliography.....	29