

DIN CEN ISO/TS 80004-13:2020-11 (E)

Nanotechnologies - Vocabulary - Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)

Contents	Page
European foreword.....	3
Foreword	4
Introduction	5
1 Scope	7
2 Normative references.....	7
3 Terms and definitions	7
3.1 Terms related to materials.....	7
3.1.1 General terms related to 2D materials.....	7
3.1.2 Terms related to graphene	9
3.1.3 Terms related to other 2D materials	11
3.2 Terms related to methods for producing 2D materials	11
3.2.1 Graphene and related 2D material production.....	11
3.2.2 Nanoribbon production	14
3.3 Terms related to methods for characterizing 2D materials	14
3.3.1 Structural characterization methods.....	14
3.3.2 Chemical characterization methods.....	16
3.3.3 Electrical characterization methods.....	18
3.4 Terms related to 2D materials characteristics.....	19
3.4.1 Characteristics and terms related to structural and dimensional properties of 2D materials	19
3.4.2 Characteristics and terms related to chemical properties of 2D materials.....	21
3.4.3 Characteristics and terms related to optical and electrical properties of 2D materials....	22
4 Abbreviated terms.....	22
Bibliography.....	23
Index.....	24