DIN EN ISO 13000-1:2006-02 (E)

Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 1: Requirements and designation (ISO 13000-1:2005)

Contents

Page

Foreword 2

1 Scope 4

2 Normative references 4

3 Terminology 4
3.1 Terms and definitions 4
3.2 Abbreviated terms and symbols 5

4 Requirements for PTFE semi-finished products 5
4.1 General 5
4.2 Dimensions and dimensional tolerances 5
4.3 Tensile strength and percentage elongation at break 7
4.4 Dimensional stability 7
4.5 Density 8
4.6 Hardness 8
4.7 Colour 8
4.8 Dielectric strength (DS), breakdown voltage and electrical flaws 8
4.9 Requirements that may be specified depending on the specific application 10

5 Format for presenting a specification 10
5.1 General 10
5.2 Order of presenting codes 10
5.3 Examples of coding a specification 11

Annex A (informative) Standard specifications for semi-finished products of polytetrafluoroethylene 13