

# DIN EN ISO 28399:2020-06 (E)

## Dentistry - External tooth bleaching products (ISO 28399:2020)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Foreword .....		4
Introduction .....		5
<b>1</b>	<b>Scope</b> .....	<b>6</b>
<b>2</b>	<b>Normative references</b> .....	<b>6</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>7</b>
<b>4</b>	<b>Classification</b> .....	<b>7</b>
4.1	General .....	7
4.2	Products for professional application .....	7
4.3	Products for consumer application .....	7
<b>5</b>	<b>Requirements</b> .....	<b>8</b>
5.1	Concentration of active ingredients for bleaching .....	8
5.2	Surface microhardness .....	8
5.3	Surface erosion .....	8
<b>6</b>	<b>Measurements and test methods</b> .....	<b>8</b>
6.1	Preparation of tooth specimens .....	8
6.2	Preparation and application of tooth bleaching product .....	8
6.3	Surface microhardness .....	8
<b>7</b>	<b>Packaging, marking and information to be supplied by the manufacturer</b> .....	<b>8</b>
7.1	General .....	8
7.2	Packaging .....	9
7.3	Marking and instructions for use .....	9
<b>Annex A (informative) Test method for the measurement of hydrogen peroxide concentration</b> .....		<b>10</b>
<b>Annex B (informative) Light microscopy method for measuring erosion of enamel and dentine caused by external tooth bleaching products</b> .....		<b>11</b>
<b>Annex C (informative) Test method for laboratory assessment of tooth bleaching efficacy</b> .....		<b>24</b>
<b>Bibliography</b> .....		<b>27</b>