

# DIN EN 15836-1:2010-11 (E)

Plastics - Plasticized poly(vinyl chloride) (PVC-P) membranes for inground swimming pools - Part 1: Homogenous membranes of nominal thickness equal to or greater than 0,75 mm

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms, definitions, symbols and abbreviations .....</b>	<b>5</b>
<b>3.1</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>3.2</b>	<b>Symbols .....</b>	<b>5</b>
<b>3.3</b>	<b>Abbreviations .....</b>	<b>5</b>
<b>4</b>	<b>Sampling and conditioning .....</b>	<b>6</b>
<b>4.1</b>	<b>Sampling .....</b>	<b>6</b>
<b>4.2</b>	<b>Conditioning of test pieces .....</b>	<b>6</b>
<b>5</b>	<b>PVC-P compound .....</b>	<b>6</b>
<b>5.1</b>	<b>Characteristics of the compound .....</b>	<b>6</b>
<b>5.2</b>	<b>Heavy metals and other dangerous substances .....</b>	<b>6</b>
<b>5.3</b>	<b>Environmental aspects .....</b>	<b>6</b>
<b>6</b>	<b>Visual characteristics .....</b>	<b>7</b>
<b>6.1</b>	<b>Appearance .....</b>	<b>7</b>
<b>6.2</b>	<b>Colour (plain coloured membranes) .....</b>	<b>7</b>
<b>6.3</b>	<b>Abrasion resistance (printed and/or coated membranes) .....</b>	<b>7</b>
<b>7</b>	<b>Physico-chemical characteristic .....</b>	<b>8</b>
<b>8</b>	<b>Dimensional characteristics .....</b>	<b>8</b>
<b>9</b>	<b>Mechanical characteristics .....</b>	<b>9</b>
<b>10</b>	<b>Characteristics for durability .....</b>	<b>9</b>
<b>11</b>	<b>Storage conditions .....</b>	<b>10</b>
<b>12</b>	<b>Installation, refurbishment, exploitation and maintenance .....</b>	<b>10</b>
<b>13</b>	<b>Designation and marking .....</b>	<b>11</b>
<b>13.1</b>	<b>Designation .....</b>	<b>11</b>
<b>13.2</b>	<b>Marking .....</b>	<b>11</b>
<b>Annex A (normative) Determination of the contents of CaCO<sub>3</sub>, heavy metals and other elements .....</b>		<b>12</b>
<b>Annex B (normative) Assessment of chlorine resistance .....</b>		<b>13</b>
<b>B.1</b>	<b>Principle .....</b>	<b>13</b>
<b>B.2</b>	<b>Test liquid .....</b>	<b>13</b>
<b>B.3</b>	<b>Apparatus .....</b>	<b>13</b>
<b>B.4</b>	<b>Test pieces .....</b>	<b>13</b>

<b>B.5</b>	<b>Procedure</b> .....	<b>13</b>
<b>B.6</b>	<b>Test report</b> .....	<b>14</b>
<b>Annex C (normative) Assessment of the resistance to staining agents</b> .....		<b>15</b>
<b>C.1</b>	<b>Principle</b> .....	<b>15</b>
<b>C.2</b>	<b>Staining agents</b> .....	<b>15</b>
<b>C.3</b>	<b>Apparatus</b> .....	<b>15</b>
<b>C.4</b>	<b>Test specimens</b> .....	<b>15</b>
<b>C.5</b>	<b>Procedure</b> .....	<b>15</b>
<b>C.6</b>	<b>Expression of results</b> .....	<b>16</b>
<b>C.7</b>	<b>Test report</b> .....	<b>16</b>
<b>Bibliography</b> .....		<b>17</b>