

# DIN EN ISO 22391-2:2010-04 (E)

## Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes (ISO 22391-2:2009)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms, definitions, symbols and abbreviated terms .....</b>	<b>6</b>
<b>4</b>	<b>Material .....</b>	<b>6</b>
<b>4.1</b>	<b>Pipe material .....</b>	<b>6</b>
<b>4.2</b>	<b>Evaluation of LPL values .....</b>	<b>6</b>
<b>4.3</b>	<b>Influence on water intended for human consumption .....</b>	<b>9</b>
<b>5</b>	<b>General characteristics .....</b>	<b>9</b>
<b>5.1</b>	<b>Appearance .....</b>	<b>9</b>
<b>5.2</b>	<b>Opacity .....</b>	<b>9</b>
<b>6</b>	<b>Geometrical characteristics .....</b>	<b>9</b>
<b>6.1</b>	<b>General .....</b>	<b>9</b>
<b>6.2</b>	<b>General dimensions of pipe .....</b>	<b>10</b>
<b>7</b>	<b>Mechanical characteristics .....</b>	<b>13</b>
<b>8</b>	<b>Physical and chemical characteristics .....</b>	<b>14</b>
<b>9</b>	<b>System performance requirements .....</b>	<b>14</b>
<b>10</b>	<b>Marking .....</b>	<b>14</b>
<b>10.1</b>	<b>General requirements .....</b>	<b>14</b>
<b>10.2</b>	<b>Minimum required marking .....</b>	<b>15</b>
<b>Annex A (informative) Derivation of the maximum calculated pipe value <math>Scalc, max</math> .....</b>		<b>16</b>
<b>Bibliography .....</b>		<b>18</b>