

# ISO 8772:2006-09 (E)

## Plastics piping systems for non-pressure underground drainage and sewerage - Polyethylene (PE)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Symbols and abbreviated terms .....</b>	<b>2</b>
<b>3.1</b>	<b>Symbols .....</b>	<b>2</b>
<b>3.2</b>	<b>Abbreviated terms .....</b>	<b>3</b>
<b>4</b>	<b>Material .....</b>	<b>3</b>
<b>4.1</b>	<b>Base material .....</b>	<b>3</b>
<b>4.2</b>	<b>Reprocessible and recyclable material .....</b>	<b>3</b>
<b>4.3</b>	<b>Melt mass-flow rate .....</b>	<b>3</b>
<b>4.4</b>	<b>Resistance to internal pressure (long-term behaviour) .....</b>	<b>4</b>
<b>4.5</b>	<b>Thermal stability .....</b>	<b>4</b>
<b>4.6</b>	<b>Fusion compatibility .....</b>	<b>4</b>
<b>4.7</b>	<b>Sealing ring retaining means .....</b>	<b>4</b>
<b>5</b>	<b>General characteristics .....</b>	<b>4</b>
<b>5.1</b>	<b>Appearance .....</b>	<b>4</b>
<b>5.2</b>	<b>Colour .....</b>	<b>5</b>
<b>6</b>	<b>Geometrical characteristics .....</b>	<b>5</b>
<b>6.1</b>	<b>General .....</b>	<b>5</b>
<b>6.2</b>	<b>Dimensions of pipes .....</b>	<b>5</b>
<b>6.3</b>	<b>Dimensions of fittings .....</b>	<b>7</b>
<b>6.4</b>	<b>Dimensions of sockets and spigots .....</b>	<b>9</b>
<b>6.5</b>	<b>Types of fittings .....</b>	<b>13</b>
<b>7</b>	<b>Mechanical characteristics .....</b>	<b>17</b>
<b>7.1</b>	<b>Mechanical characteristics of pipes .....</b>	<b>17</b>
<b>7.2</b>	<b>Mechanical characteristics of fittings .....</b>	<b>17</b>
<b>8</b>	<b>Physical characteristics .....</b>	<b>18</b>
<b>8.1</b>	<b>Physical characteristics of pipes .....</b>	<b>18</b>
<b>8.2</b>	<b>Physical characteristics of fittings .....</b>	<b>19</b>
<b>9</b>	<b>Performance requirements .....</b>	<b>19</b>
<b>10</b>	<b>Sealing rings .....</b>	<b>20</b>
<b>11</b>	<b>Marking .....</b>	<b>20</b>
<b>11.1</b>	<b>General .....</b>	<b>20</b>
<b>11.2</b>	<b>Minimum required marking of pipes .....</b>	<b>20</b>
<b>11.3</b>	<b>Minimum required marking of fittings .....</b>	<b>20</b>
<b>Bibliography .....</b>		<b>22</b>