

# ISO 8779:2010-03 (E)

## Plastics piping systems - Polyethylene (PE) pipes for irrigation - Specifications

---

<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>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Material .....</b>	<b>5</b>
<b>4.1</b>	<b>General .....</b>	<b>5</b>
<b>4.2</b>	<b>Use of reprocessible and recyclable material .....</b>	<b>5</b>
<b>4.3</b>	<b>Physical characteristics of the material .....</b>	<b>5</b>
<b>4.4</b>	<b>Designation and classification .....</b>	<b>6</b>
<b>5</b>	<b>Geometrical characteristics .....</b>	<b>6</b>
<b>5.1</b>	<b>Measurements .....</b>	<b>6</b>
<b>5.2</b>	<b>Mean outside diameter and out-of-roundness .....</b>	<b>7</b>
<b>5.3</b>	<b>Wall thicknesses and their tolerances .....</b>	<b>7</b>
<b>6</b>	<b>Mechanical characteristics .....</b>	<b>8</b>
<b>6.1</b>	<b>Requirements .....</b>	<b>8</b>
<b>6.2</b>	<b>Retest in cases of failure at 80 °C .....</b>	<b>10</b>
<b>7</b>	<b>Physical characteristics .....</b>	<b>10</b>
<b>7.1</b>	<b>Requirements .....</b>	<b>10</b>
<b>8</b>	<b>Marking .....</b>	<b>10</b>
<b>8.1</b>	<b>General .....</b>	<b>10</b>
<b>8.2</b>	<b>Minimum required marking of pipes .....</b>	<b>11</b>
<b>Annex A (normative) Principles for the selection of irrigation pipes .....</b>		<b>12</b>
<b>Bibliography .....</b>		<b>14</b>