

# ISO 7214:2007-06 (E)

## Cellular plastics - Polyethylene - Methods of test

---

<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>Test specimens .....</b>	<b>2</b>
<b>4</b>	<b>Conditioning .....</b>	<b>2</b>
<b>5</b>	<b>Atmosphere during test .....</b>	<b>2</b>
<b>6</b>	<b>Measurement of dimensions .....</b>	<b>3</b>
<b>7</b>	<b>Mandatory tests .....</b>	<b>3</b>
7.1	Apparent density .....	3
7.2	Compressive stress .....	3
7.3	Compression set .....	3
7.4	Tensile strength and elongation .....	3
7.5	Dimensional stability at elevated temperature .....	4
7.6	Water absorption .....	4
7.7	Burning characteristics .....	5
<b>8</b>	<b>Optional tests .....</b>	<b>6</b>
8.1	Dynamic cushioning performance .....	6
8.2	Compressive creep .....	6
8.3	Thermal conductivity .....	6
8.4	Water-vapour transmission .....	6
8.5	Dynamic stiffness .....	6
8.6	Cell count .....	6
8.7	Tear strength .....	6
8.8	Permanent set after repeated compression .....	8
<b>9</b>	<b>Test report .....</b>	<b>8</b>
<b>Annex A (normative) Cell count procedure .....</b>		<b>10</b>