

# ISO 4097:2007-07 (E)

## Rubber, ethylene-propylene-diene (EPDM) - Evaluation procedure

---

<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>Sampling and sample preparation .....</b>	<b>1</b>
<b>4</b>	<b>Physical and chemical tests on raw rubber .....</b>	<b>2</b>
<b>4.1</b>	<b>Mooney viscosity .....</b>	<b>2</b>
<b>4.2</b>	<b>Volatile matter .....</b>	<b>2</b>
<b>4.3</b>	<b>Ash .....</b>	<b>2</b>
<b>5</b>	<b>Preparation of test mixes for evaluation .....</b>	<b>2</b>
<b>5.1</b>	<b>Standard test formulations .....</b>	<b>2</b>
<b>5.2</b>	<b>Procedure .....</b>	<b>3</b>
<b>6</b>	<b>Evaluation of vulcanization characteristics by a curemeter test .....</b>	<b>7</b>
<b>6.1</b>	<b>Using an oscillating-disc curemeter .....</b>	<b>7</b>
<b>6.2</b>	<b>Using a rotorless curemeter .....</b>	<b>7</b>
<b>7</b>	<b>Evaluation of tensile stress-strain properties of vulcanized test mixes .....</b>	<b>7</b>
<b>8</b>	<b>Precision .....</b>	<b>8</b>
<b>8.1</b>	<b>General .....</b>	<b>8</b>
<b>8.2</b>	<b>Precision details .....</b>	<b>8</b>
<b>8.3</b>	<b>Precision results .....</b>	<b>8</b>
<b>9</b>	<b>Test report .....</b>	<b>9</b>
<b>Bibliography .....</b>		<b>11</b>