

# ISO 2302:2020-09 (E)

## Isobutene-isoprene rubber (IIR) - 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>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Sampling and further preparative procedure .....</b>	<b>2</b>
<b>5</b>	<b>Physical and chemical tests on raw rubber .....</b>	<b>2</b>
<b>5.1</b>	<b>Mooney viscosity .....</b>	<b>2</b>
<b>5.2</b>	<b>Volatile matter .....</b>	<b>2</b>
<b>5.3</b>	<b>Ash .....</b>	<b>2</b>
<b>6</b>	<b>Preparation of test mixes for evaluation of isobutene-isoprene rubbers .....</b>	<b>2</b>
<b>6.1</b>	<b>Standard test formulation .....</b>	<b>2</b>
<b>6.2</b>	<b>Procedure .....</b>	<b>3</b>
<b>6.2.1</b>	<b>Equipment and procedure .....</b>	<b>3</b>
<b>6.2.2</b>	<b>Mixing procedures .....</b>	<b>3</b>
<b>7</b>	<b>Evaluation of vulcanization characteristics by a curemeter test .....</b>	<b>7</b>
<b>7.1</b>	<b>Using oscillating-disc curemeter .....</b>	<b>7</b>
<b>7.2</b>	<b>Using rotorless curemeter .....</b>	<b>7</b>
<b>8</b>	<b>Evaluation of tensile stress-strain properties of vulcanized test mixes .....</b>	<b>8</b>
<b>9</b>	<b>Precision data .....</b>	<b>8</b>
<b>10</b>	<b>Test report .....</b>	<b>8</b>
<b>Annex A (informative)</b>	<b>Precision .....</b>	<b>9</b>
<b>Bibliography .....</b>		<b>11</b>