

# DIN EN 17096:2019-02 (E)

## Geosynthetics - Test method for the determination of the strain hardening modulus of PE-HD geosynthetic barriers

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms and definitions .....	4
4	Principle .....	6
5	Apparatus .....	6
5.1	Tensile-testing machine .....	6
5.2	Devices for measuring the thickness and width of the test specimens .....	7
5.3	Punch die tool .....	7
5.4	Device for application of the gauge marks .....	7
6	Test specimen .....	7
6.1	Dimensions and figure of the test specimen .....	7
6.2	Test specimen preparation .....	8
7	Test procedure .....	8
8	Calculation .....	9
9	Test report .....	9
Annex A (informative) Neo-Hookean constitutive model .....		11
Bibliography .....		13