

**Test Details & Procedure****Equipment**

Manufacturer / Model	Lloyd LR / 10K Plus Materials Tester
Software	Nexygen Plus V2.1
Load Cell (kN)	1
Compression Platen - Ø (mm)	100

Auxiliary Steel Disk

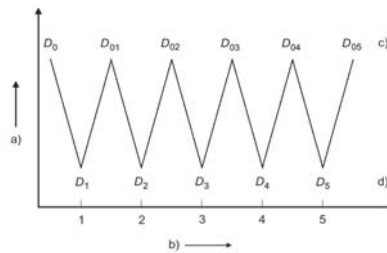
Width - E (mm)	$2,31 \pm 0,02$
Diameter - Ø (mm)	$11,20 \pm 0,02$

Sample Dimensions

Diameter - Ø (mm)	29,85
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Compression Cyclic Test

Head Speed (mm/min)	1
Zero Point Pressure (kPa)	60
Test Pressure (kPa)	1060
Test Load (N)	104,4
Number of Cycles	5

**Auxiliary Data**

Test Parameters, such as Extension, Load, Stress, Time, ... borrow the notation used for Test Markers D0; D04; D5.
Thus Test Markers D0; D04; D4W; D5; D5W appear associated to the respective Parameter Unit: mm; N; Nmm; Nµm; s.

Thickness @ 60 kPa (mm)	D0; D04; (D05)
Thickness @ 1060 kPa (mm)	D5
Thickness @ ζ kPa ^(*) (mm)	D4W; D5W

^(*) - ζ (zita) - pressure value measurable on the graph curve at the lowest intersection point of segments D04/D5 and D5/D05, defining a Whip Energy area.

Test Results

Indentation 5 th Cycle (µm)	I5 = (D04 - D5)
Indentation 5 th Cycle (%)	Ip5 = [(D04 - D5) / D04] * 100
Gauge Loss @ 60 kPa (µm)	GL60 = D0 - D04
Elastic Energy 5 th Cycle (Nmm)	EE = D5 - D04
Whip Energy (Nµm)	WE = D5W - D4W
Whip Time (s)	WT = D5W - D4W