



Item #	Brand/Model	Job #	Length				L-L1 E1%		L-L0 E%		LM-L0 EM%		Young's Modulus MPa	Load@ LM kN	TT s
			L0 mm	L1 mm	L mm	LM mm	_Yield_ mm %	_Mounting_ mm %	_Tensile_ mm %	mm %					
1	E/II	14131	320,26	323,35	323,69	332,78	0,35	1,07	3,43	1,07	12,52	3,91	1.384	3,51	614,5
2	E/II	14131	320,20	323,29	323,61	332,70	0,32	0,99	3,42	1,07	12,50	3,90	1.471	3,53	614,5
3	E/II	14131	320,29	323,43	323,77	332,79	0,34	1,06	3,49	1,09	12,50	3,90	1.392	3,54	614,5

Test standard: ISO 12636 4.2 (L0 to L) (*)
4.3 (L to break)

Tester: Lloyd LR 10K Plus

Grips Distance: 320 mm

Sample Dimensions: 50 x 390 mm

(*) - Bench marks not used.

An alternate 1' hold-time short test is also used.

Results may not be comparable with those strictly conducted according to ISO 12636.

Graphs: Item 2

Legend

Extension (mm)

L0: @ 10 N

L1: @ 500 N

L : after 10' hold @ 500 N

LM: @ break

~"Yield during Print"

L-L1: ΔL after 10' @ 500N (mm)

E1 % = [((L-L1)/L1)*1000] %

Default Graph Window Extension: 1 mm

~"Mounting" elongation

L-L0: ΔL after tensioning-&-seating (mm)

E % = [((L-L0)/L0)*100] %

According to ISO 12636: E < 1,5 %

Elongation @ LoadM

LM-L0: DL @ Maximum Load (break) (mm)

EM % = [((LM-L0)/L0)*100] %

Modulus: stress/strain gradient @ greatest slope

Young's Modulus: (MPa)

Load @ LM: Max. Load (kN)

TT: test Time (s)

