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## LAMPIRAN



SPESIMEN UJI TARIK SEBELUM DAN SETELAH PENGUJIAN



SPESIMEN UJI BENDING SEBELUM DAN SETELAH PENGUJIAN

# LAB. METALURGI FISIK T. MESIN FT- UH

## BENDING KOMPOSIT

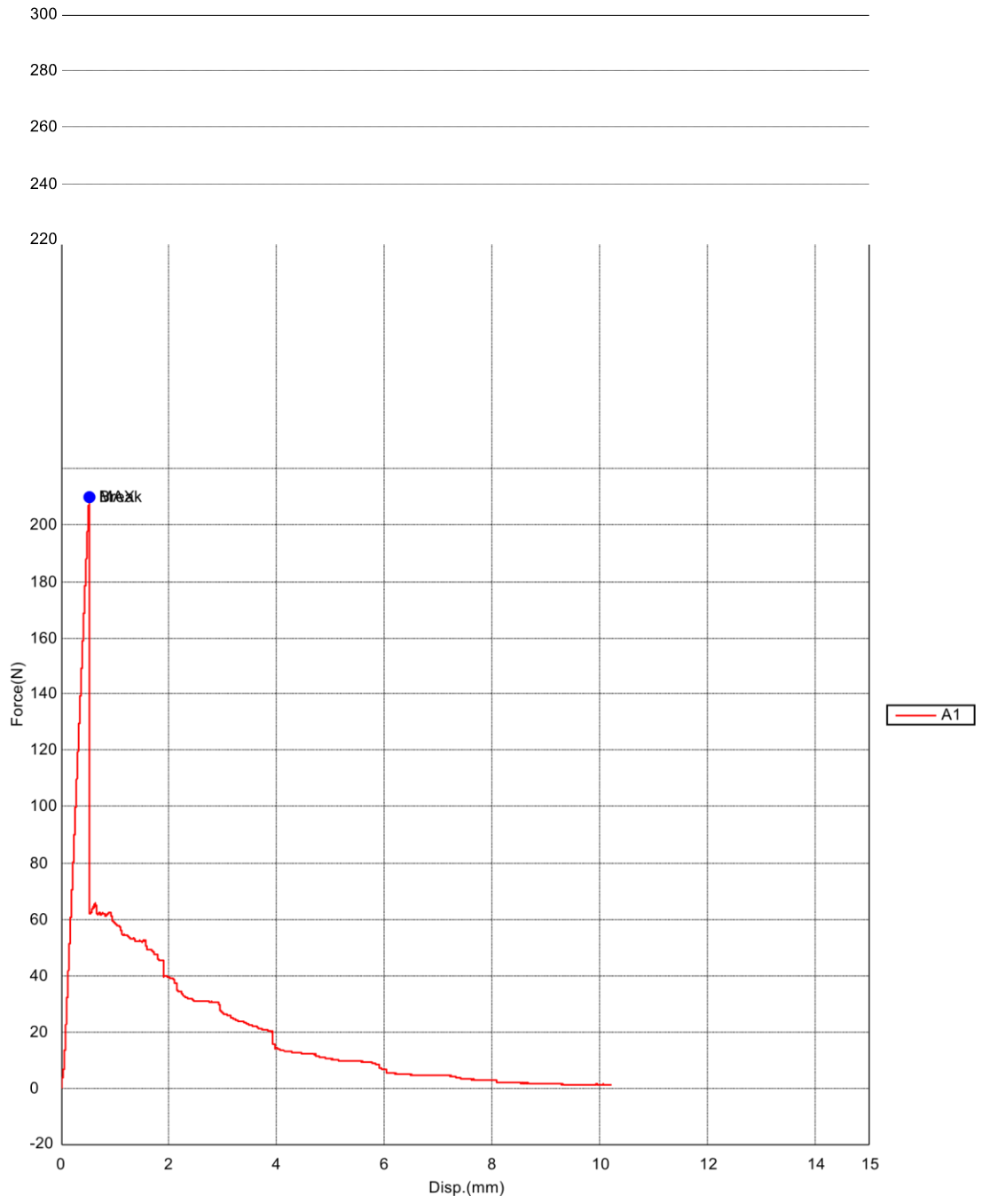
Product Name Komposit	Method File Name	Bending komposit.lmax
Operator Edi iskandar	Report Date	2212/01/01
Test Date 2212/01/01	Speed	2mm/min

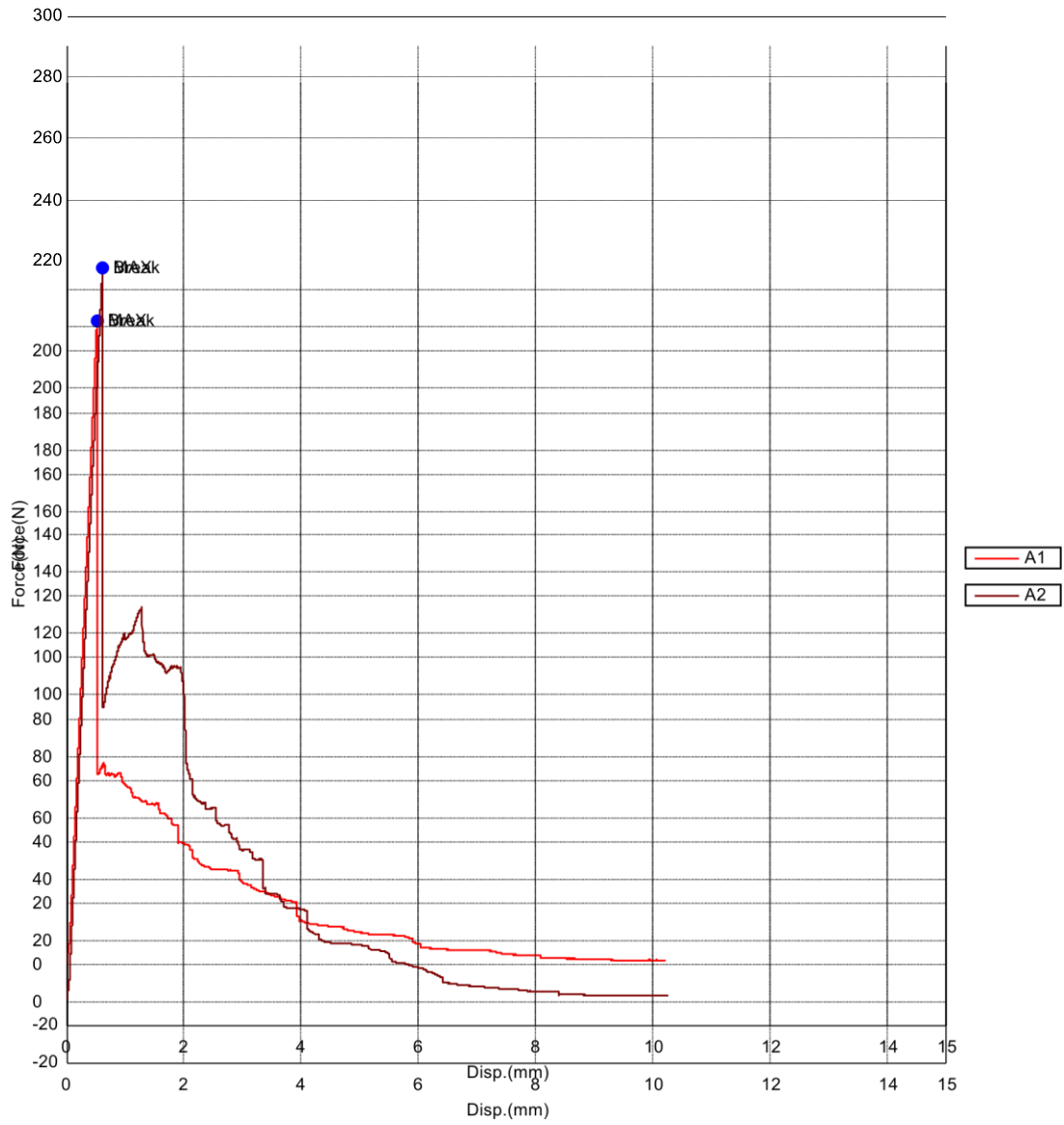
Name	Thickness	Width	Lower_Support
Unit	mm	mm	mm
A1	6.5000	12.4500	38.0000
A2	6.2500	13.5000	38.0000
A3	6.3000	12.5000	38.0000

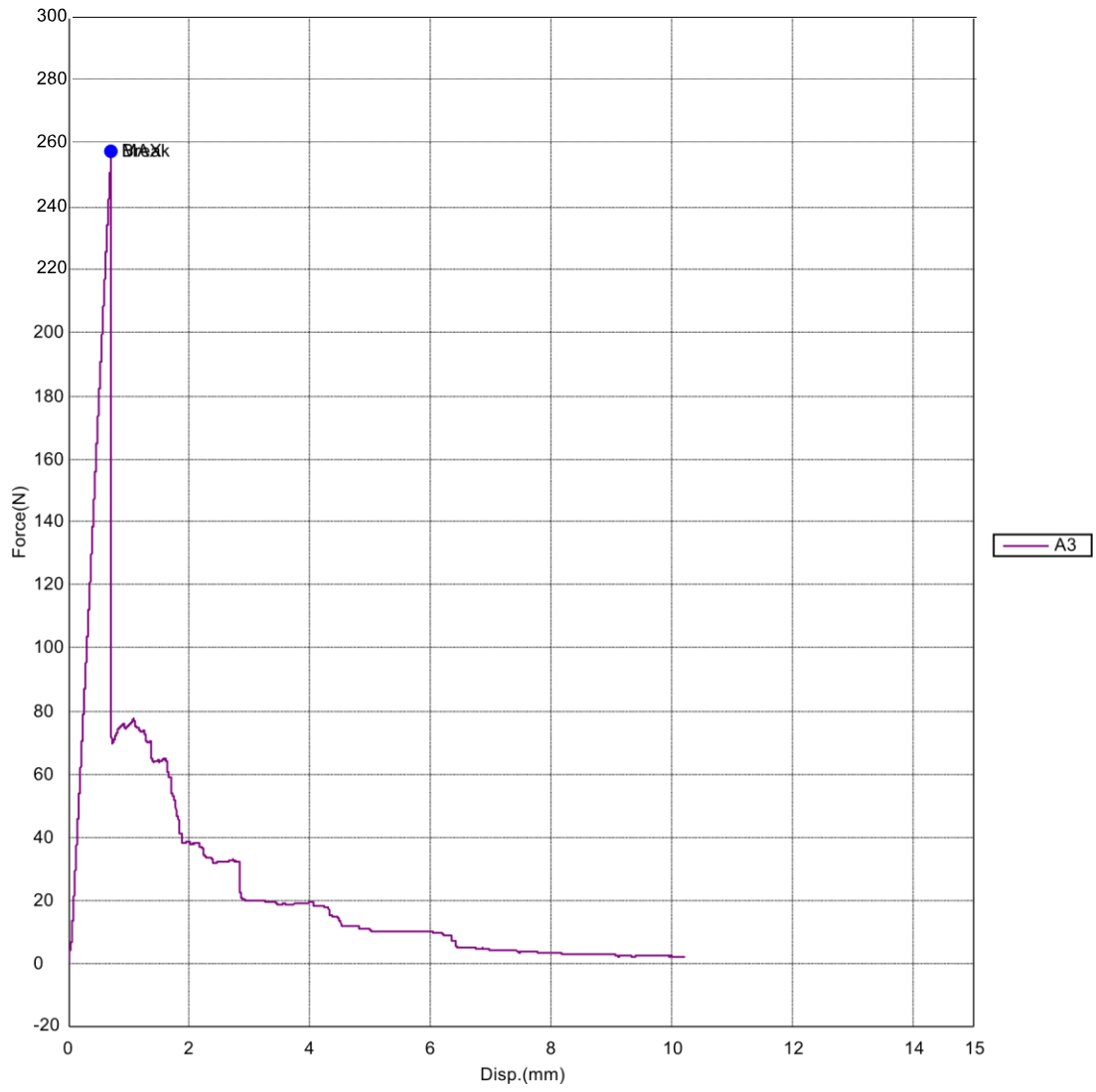
Name	Max_Force	Max_Displ.	Break_Force	Break_Displ.
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Parameters Calc. at Entire Area Calc. at Entire Area Sensitivity 10 Sensitivity 10

Unit	N	mm	N	mm
A1	210.071	0.52350	210.071	0.52350
A2	239.405	0.61410	239.405	0.61410
A3	257.607	0.70817	257.607	0.70817







# LAB. METALURGI FISIK T. MESIN

## FT-UH

### BENDING KOMPOSIT

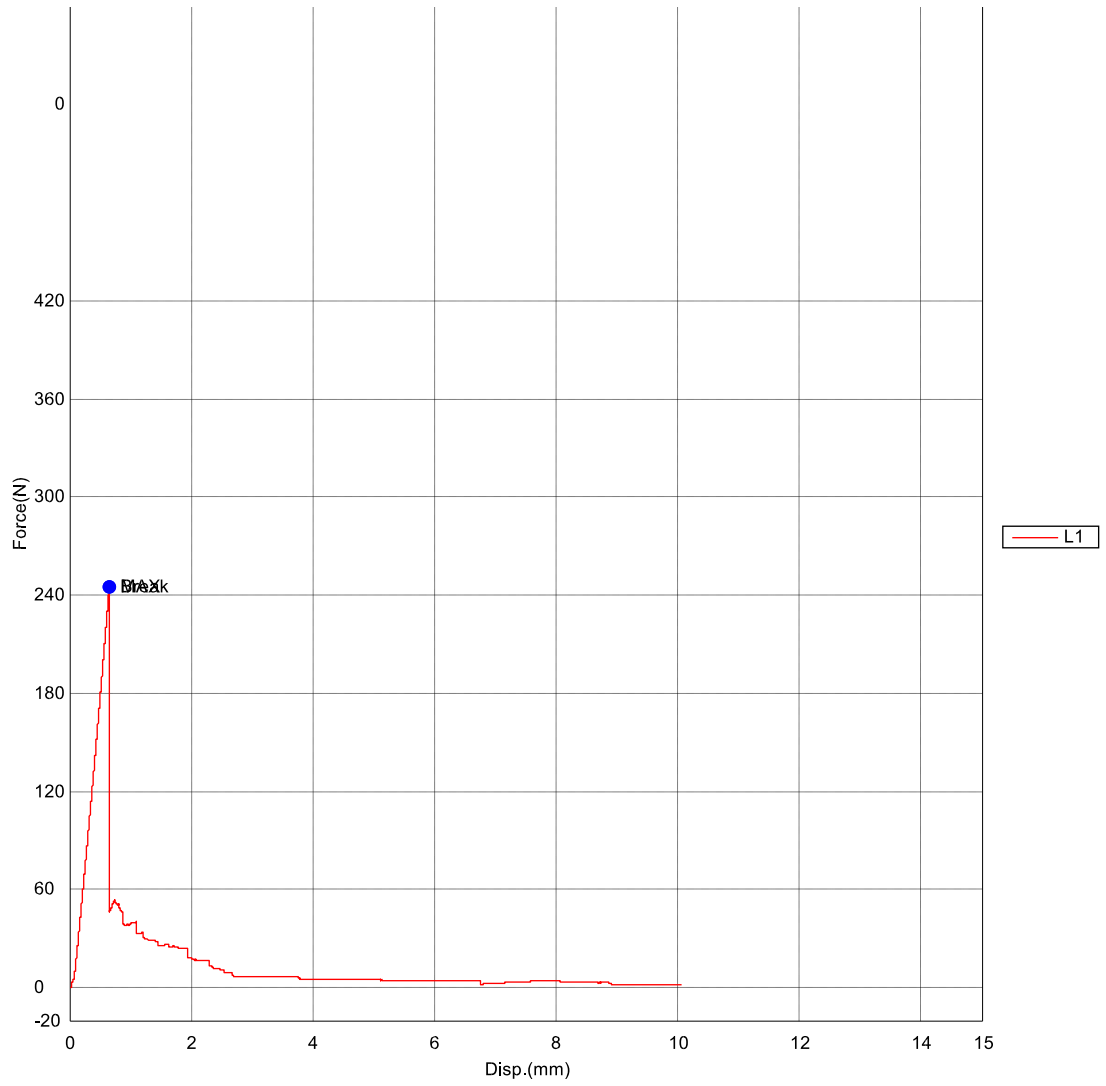
Product Name Komposit	Method File Name	Bending komposit.lmax
Operator Edi iskandar	Report Date	2212/01/01
Test Date 2212/01/01	Speed	2mm/min

Name	Thickness	Width	Lower_Support
L1	6.0000	13.7000	38.0000
L2	5.8500	14.2000	38.0000
L3	6.8500	13.7000	38.0000

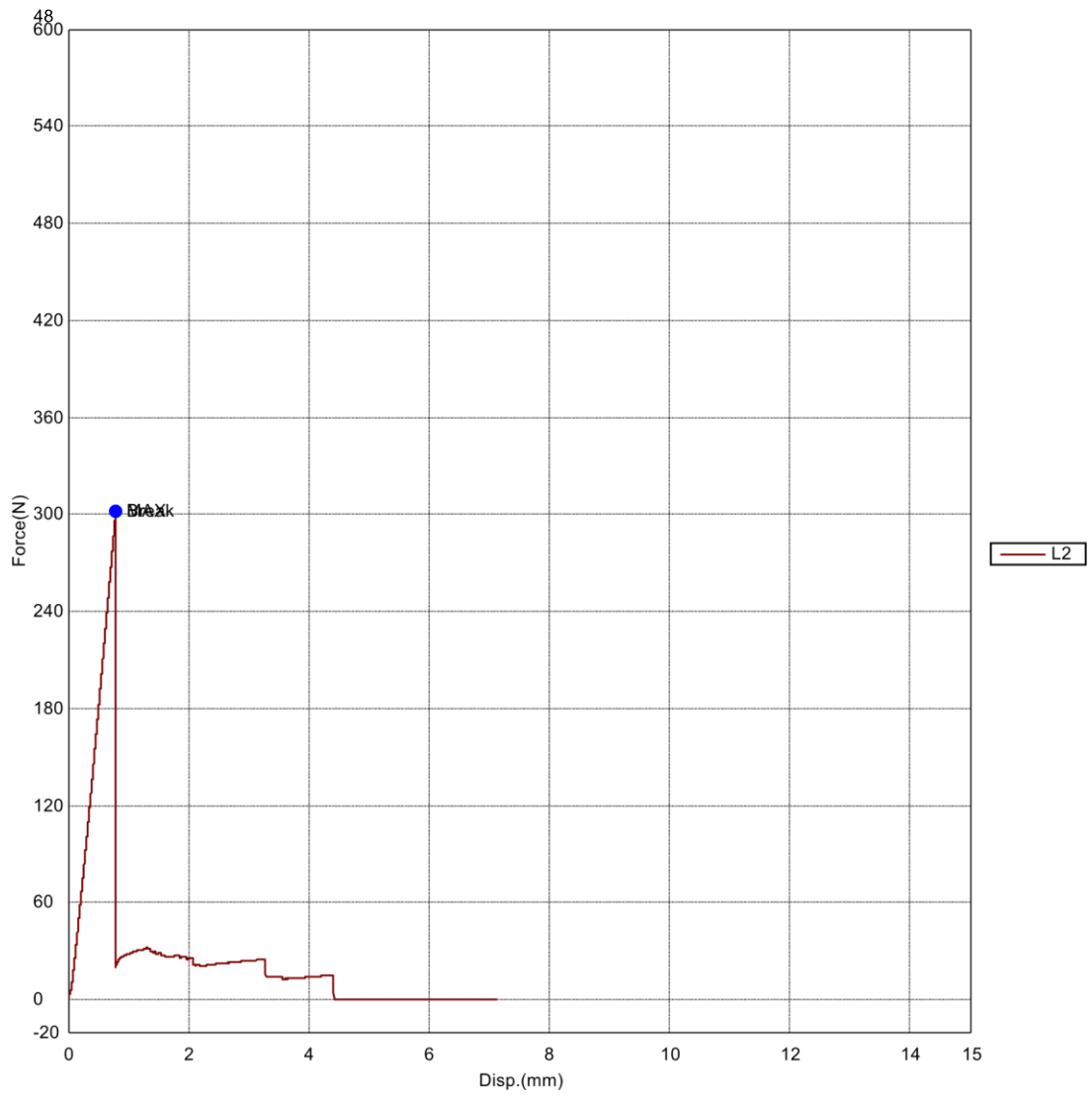
Name	Max_Force	Max_Displacement	Break_Force	Break_Displacement
L1	245.268	0.65457	245.268	0.65457
L2	302.053	0.79050	302.053	0.79050
L3	319.002	0.93667	319.002	0.93667

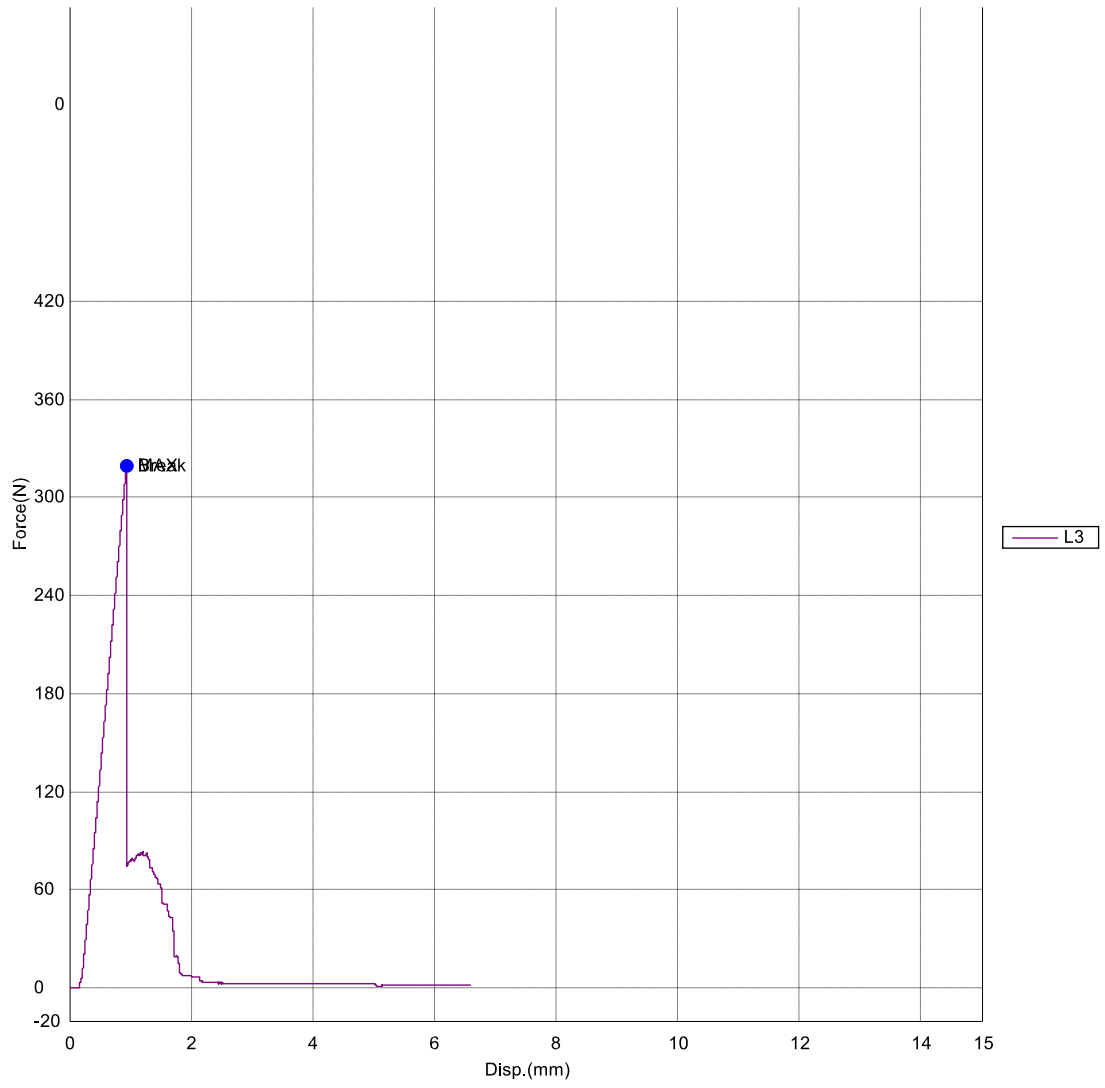




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# LAB. METALURGI FISIK T. MESIN

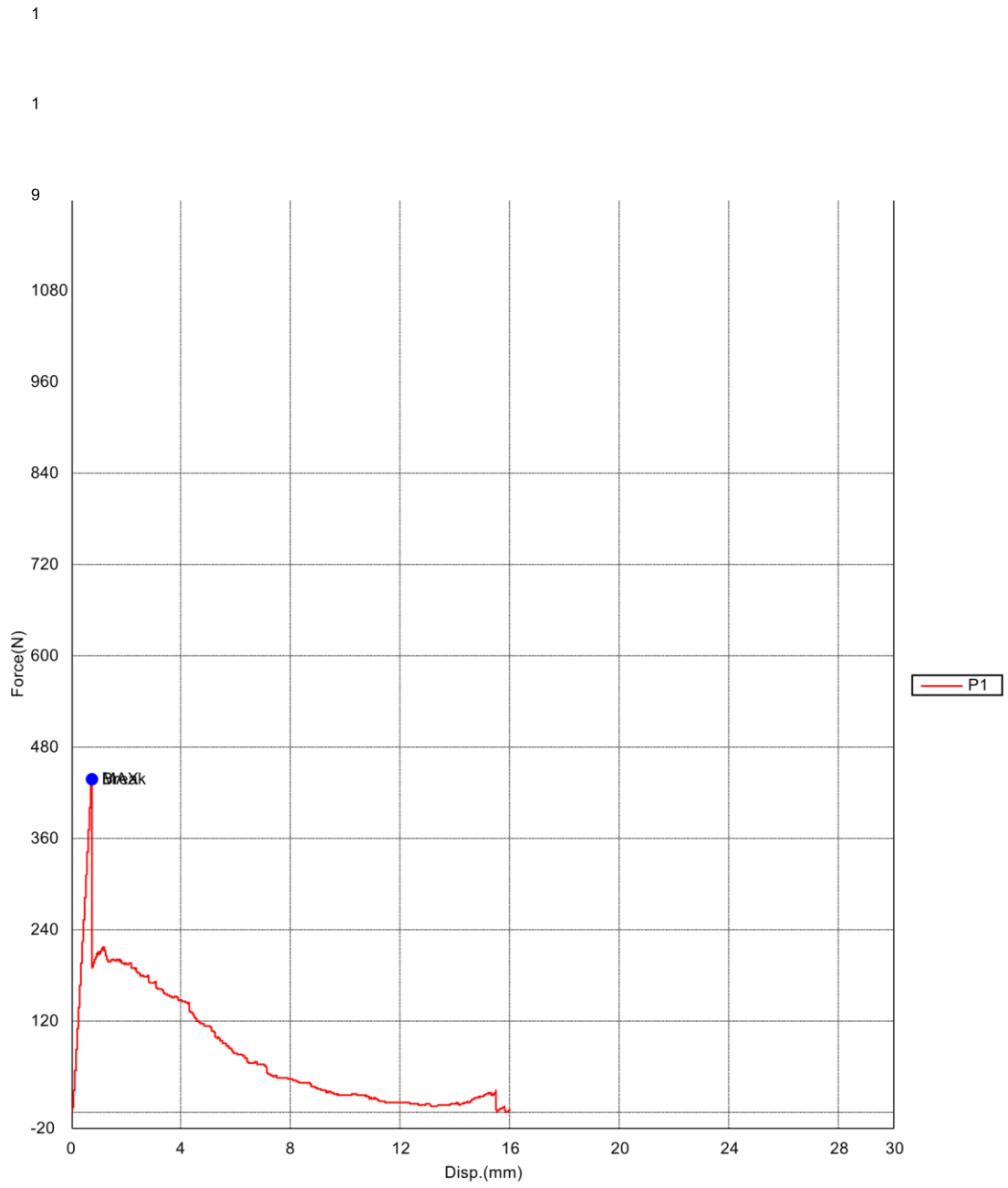
## FT-UH

### BENDING KOMPOSIT

Product Name Komposit                      Method File Name                      Bending komposit.lmax  
 Operator              Edi iskandar Report Date 2212/01/01 Test Date  
 2212/01/01 Speed 2mm/min

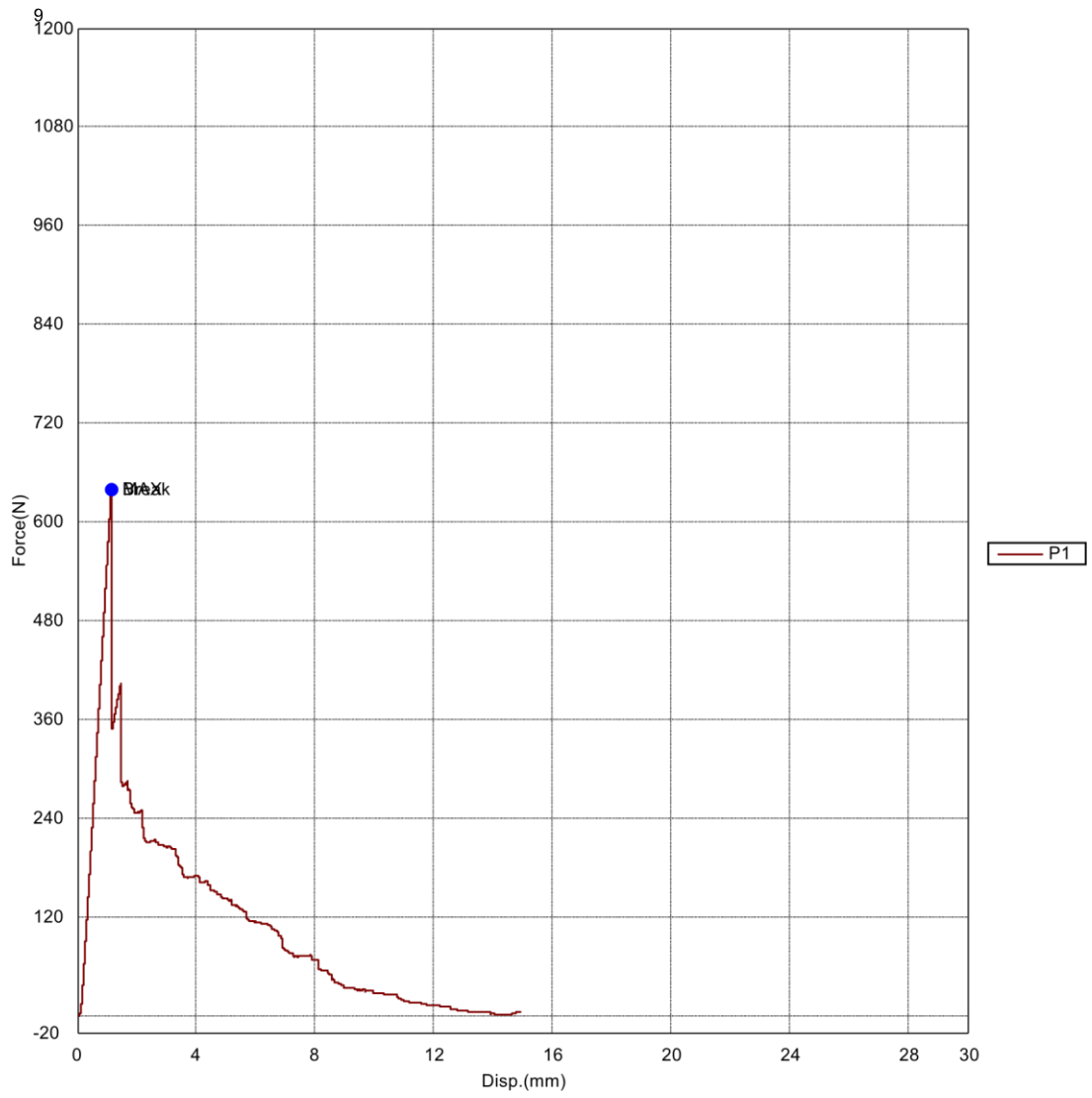
	Name	Thickness	Width	Lower_Support	Unit	mm	mm	mm
P1	6.7500	14.2500	38.0000	P1	6.8500	14.1000	38.0000	P3
	6.9000	14.1500	38.0000					

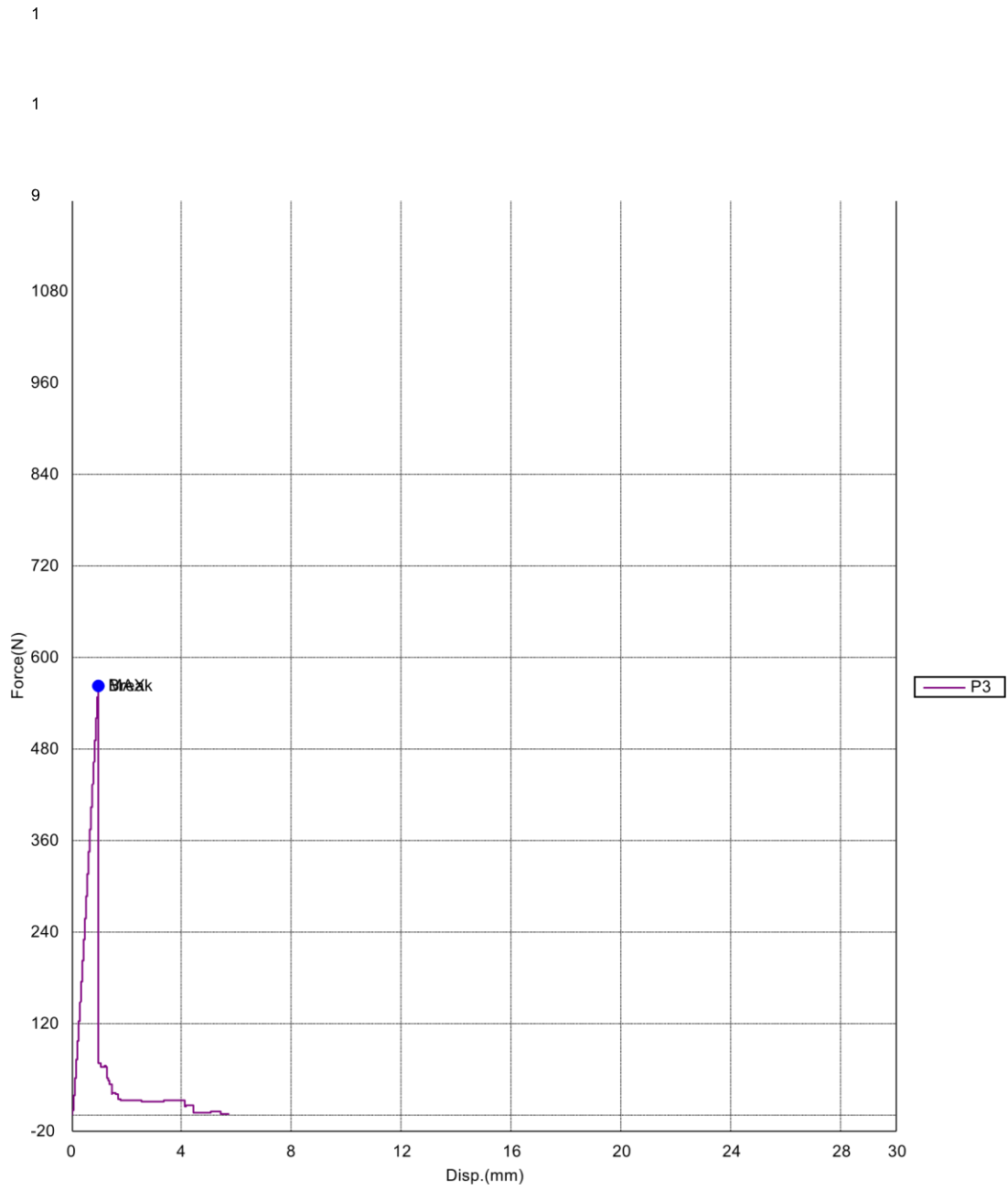
Name	Max_Force	Max_Displ.	Break_Force	Break_Displ.
Parameters	Calc. at Entire Area	Calc. at Entire Area	Sensitivity 10	Sensitivity 10
Unit	N              mm	N              mm	P1 438.405 0.73253	438.405 0.73253 P1
	639.561 1.13683	639.561 1.13683	P3 563.642 0.96703	563.642 0.96703



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1





# LABORATORIUM METALURGI FISIK

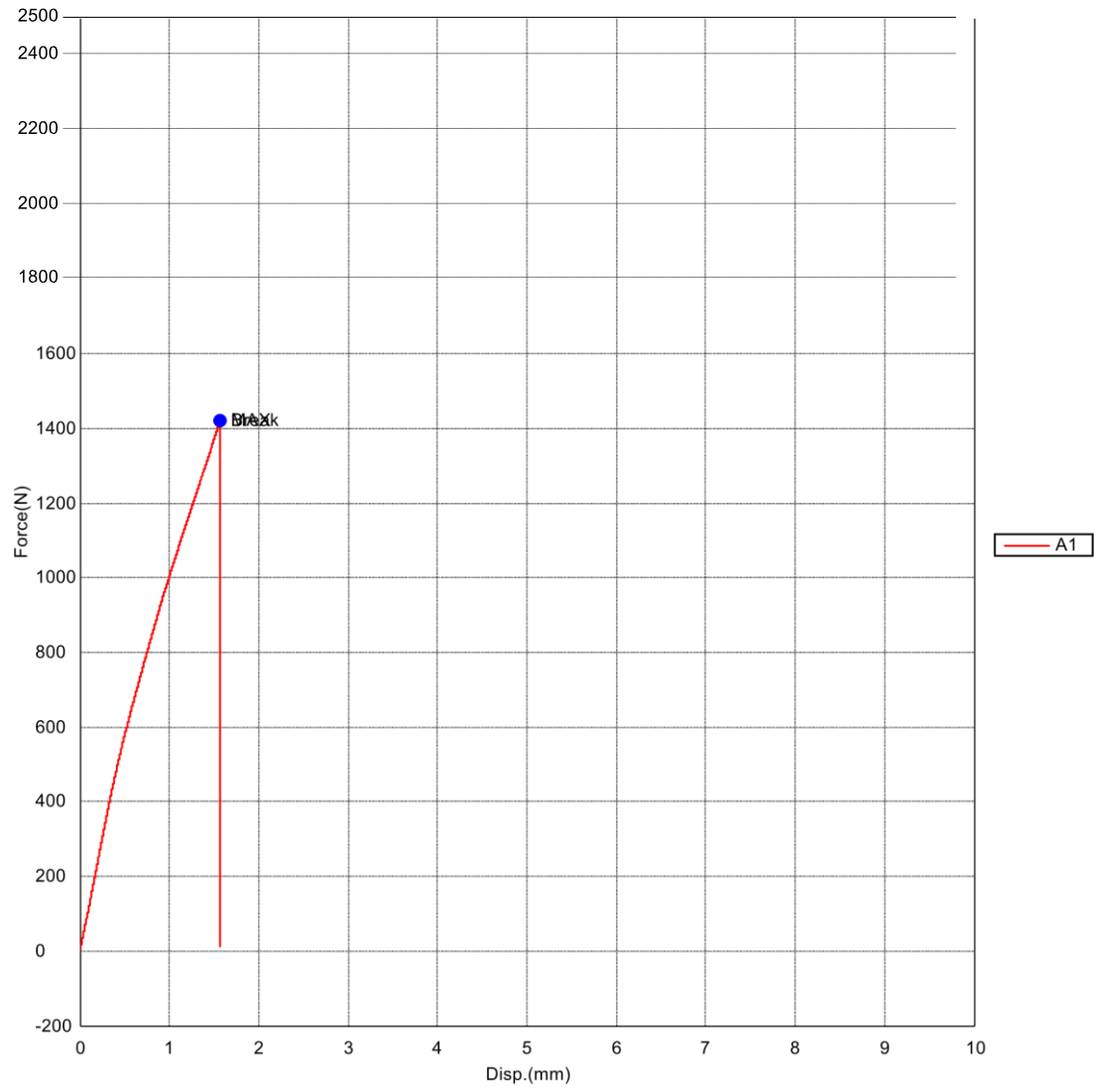
## TENSILE KOMPOSIT

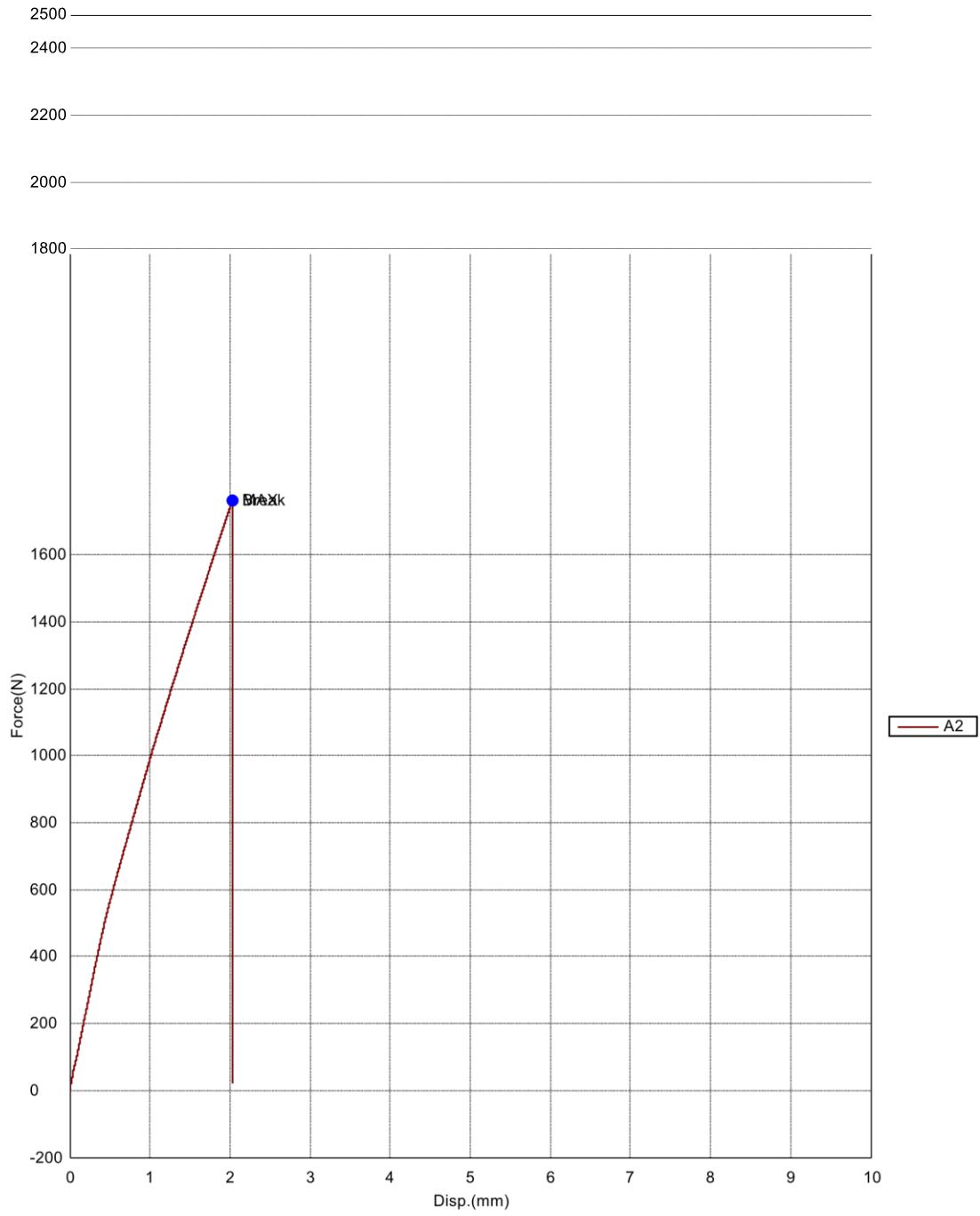
Key Word	KR-T	Product Name	Komposit
Test File Name	A.Itax	Method File Name	TENSILE KOMPOSIT.Ima
Operator	Edi Iskandar	Report Date	2212/01/01
Test Date	2212/01/01	Temperature	26
Test Type	Tensile	Speed	2mm/min
Shape	Plate	No of Batches:	1
Qty/Batch:	4		

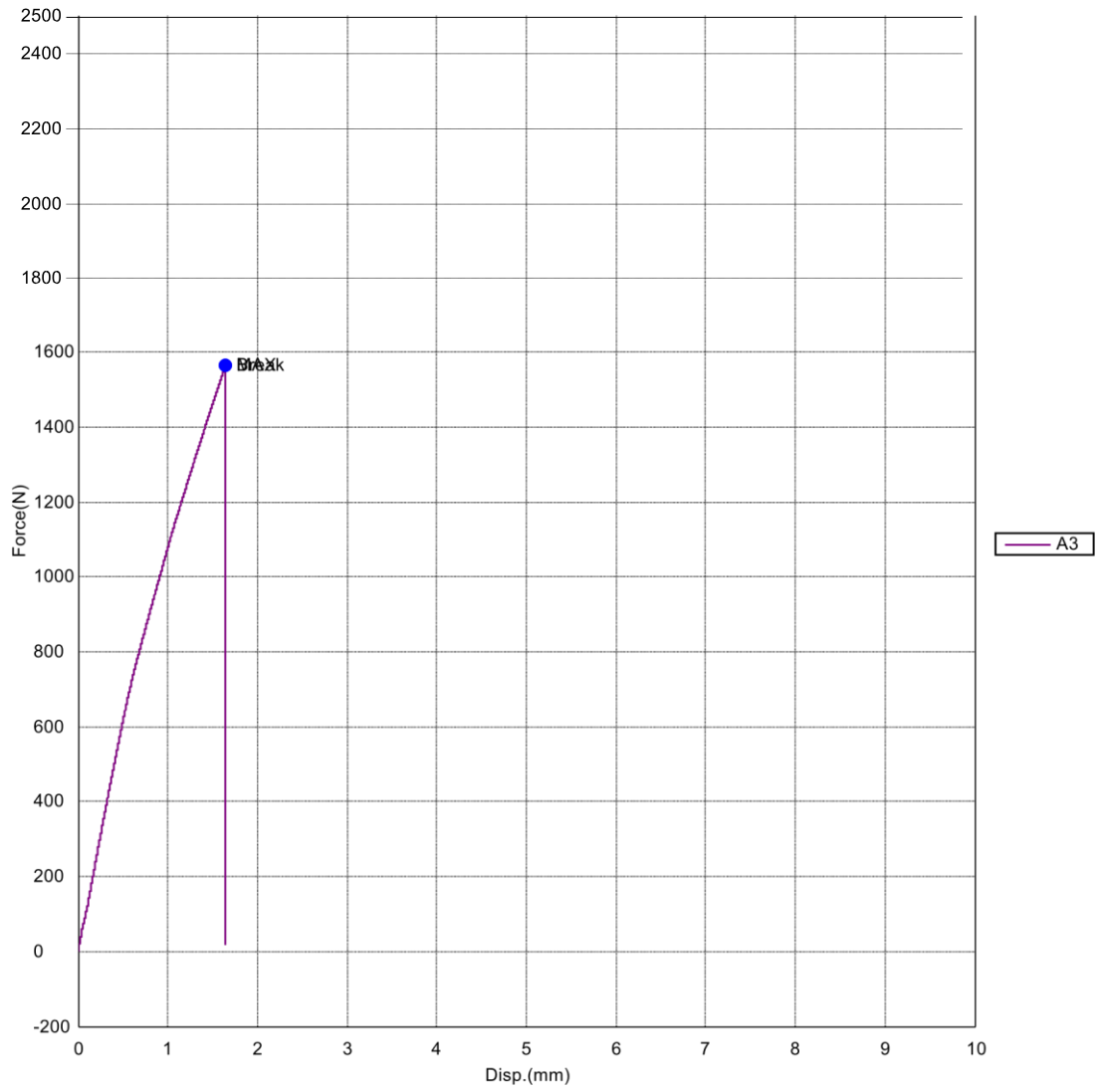
Name	Thickness	Width	Gauge_Length
Unit	mm	mm	mm
A1	5.9500	13.3000	50.0000
A2	5.7500	12.8500	50.0000
A3	6.4000	13.8000	50.0000
A4	6.1000	12.5000	50.0000

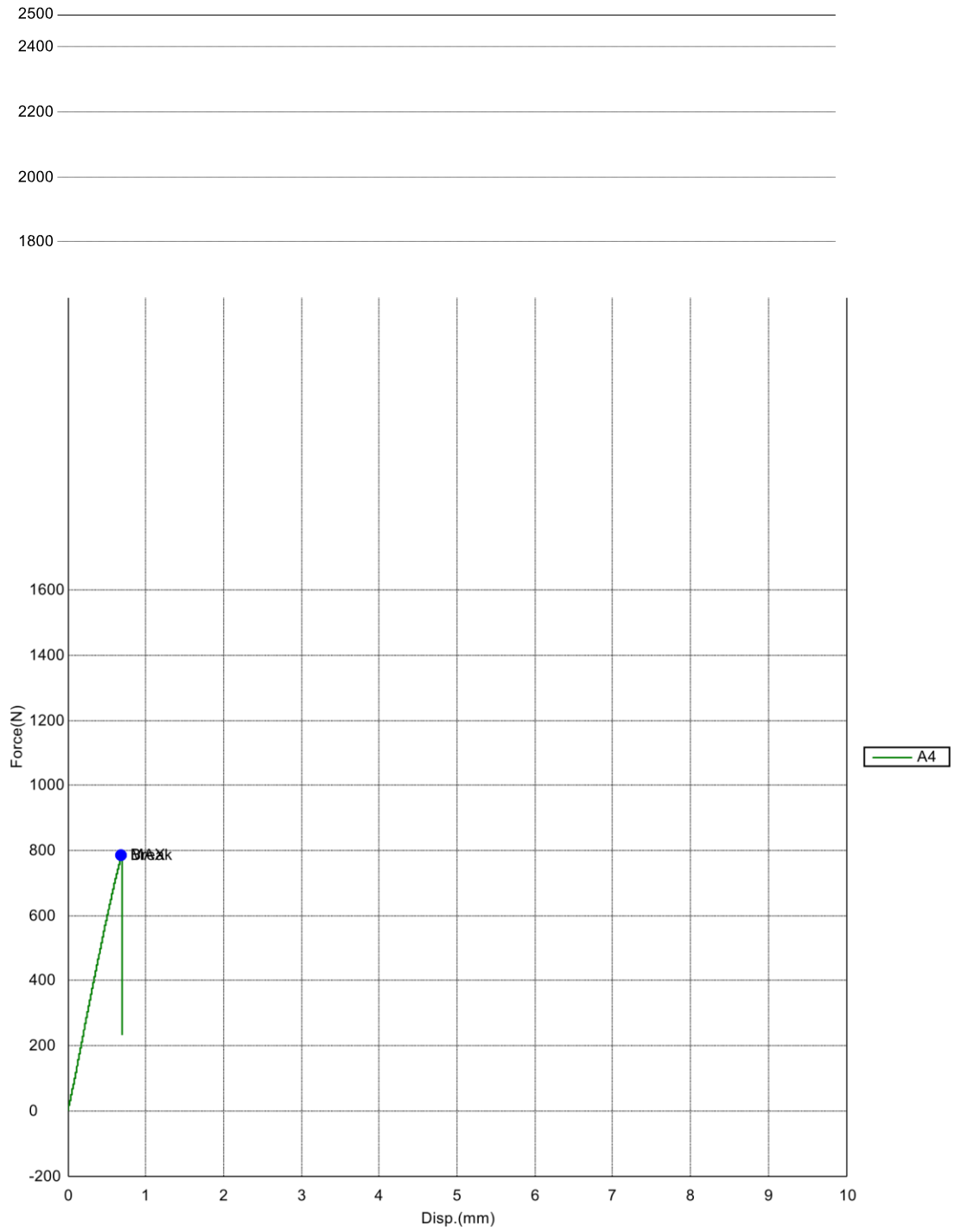
Name	Max_Force	Max_Displ.	Break_Force	Break_Displ.
Parameters	Calc. at Entire Area	Calc. at Entire Area	Sensitivity 10	Sensitivity 10
Unit	N	mm	N	mm
A1	1420.42	1.56953	1420.42	1.56953
A2	1763.28	2.03063	1763.28	2.03063
A3	1565.60	1.64393	1565.60	1.64393
A4	784.909	0.68913	784.909	0.68913











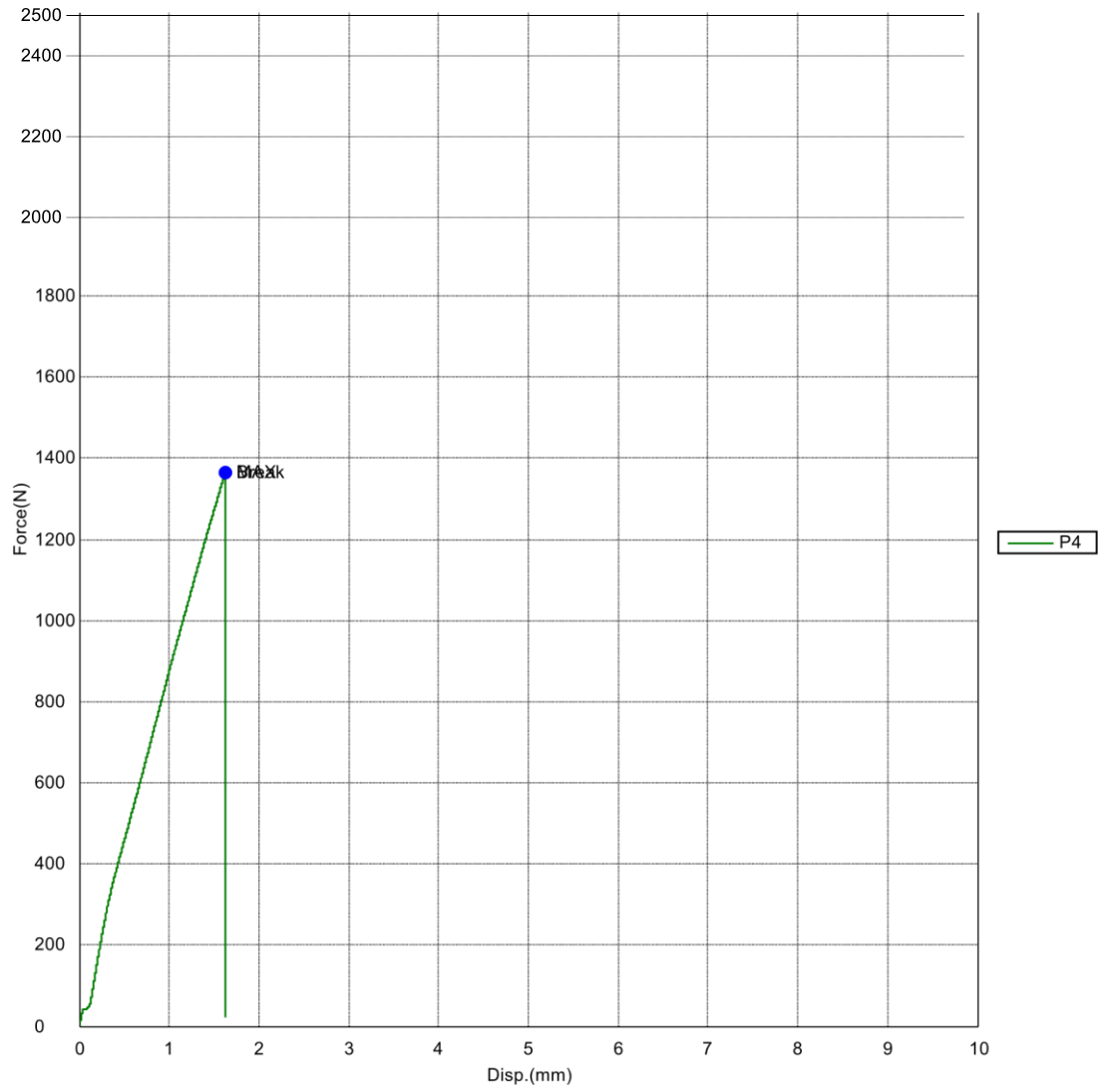
# LABORATORIUM METALURGI FISIK

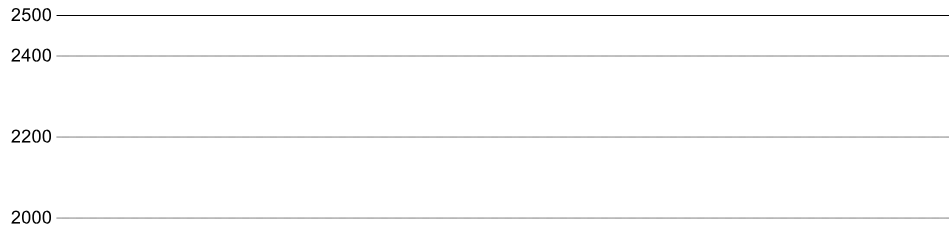
## TENSILE KOMPOSIT

Key Word	KR-T	Product Name	Komposit
Test File Name	P.Itax	Method File Name	TENSILE KOMPOSIT.lma
Operator	Edi Iskandar	Report Date	2212/01/01
Test Date	2212/01/01	Temperature	26
Test Type	Tensile	Speed	2mm/min
Shape	Plate	No of Batches:	1
Qty/Batch:	4		

Name	Thickness	Width	Gauge_Length
Unit	mm	mm	mm
P1	5.9500	12.5000	50.0000
P2	6.1500	12.7500	50.0000
P3	5.7500	11.8500	50.0000
P4	6.2500	13.2500	50.0000

Name	Max_Force	Max_Displ.	Break_Force	Break_Displ.
Parameters	Calc. at Entire Area	Calc. at Entire Area	Sensitivity 10	Sensitivity 10
Unit	N	mm	N	mm
P1	1328.19	1.63413	1328.19	1.63413
P2	1720.98	1.78443	1720.98	1.78443
P3	1079.71	1.34400	1079.71	1.34400
P4	1363.73	1.62343	1363.73	1.62343





# LABORATORIUM METALURGI FISIK

## TENSILE KOMPOSIT

Key Word	KR-T	Product Name	Komposit
Test File Name	l.itax	Method File Name	TENSILE KOMPOSIT.lma
Operator	Edi Iskandar	Report Date	2212/01/01
Test Date	2212/01/01	Temperature	26
Test Type	Tensile	Speed	2mm/min
Shape	Plate	No of Batches:	1
Qty/Batch:	4		

Name	Thickness	Width	Gauge_Length
Unit	mm	mm	mm
L1	6.2000	13.0000	50.0000
L2	6.5000	12.7500	50.0000
L3	6.1000	13.3500	50.0000
L4	6.0000	13.1000	50.0000

Name	Max_Force	Max_Displ.	Break_Force	Break_Displ.
Parameters	Calc. at Entire Area	Calc. at Entire Area	Sensitivity 10	Sensitivity 10
Unit	N	mm	N	mm
L1	1745.44	2.31943	1745.44	2.31943
L2	1660.11	1.81620	1660.11	1.81620
L3	2447.37	2.04893	2447.37	2.04893
L4	2610.56	2.50023	2610.56	2.50023



