

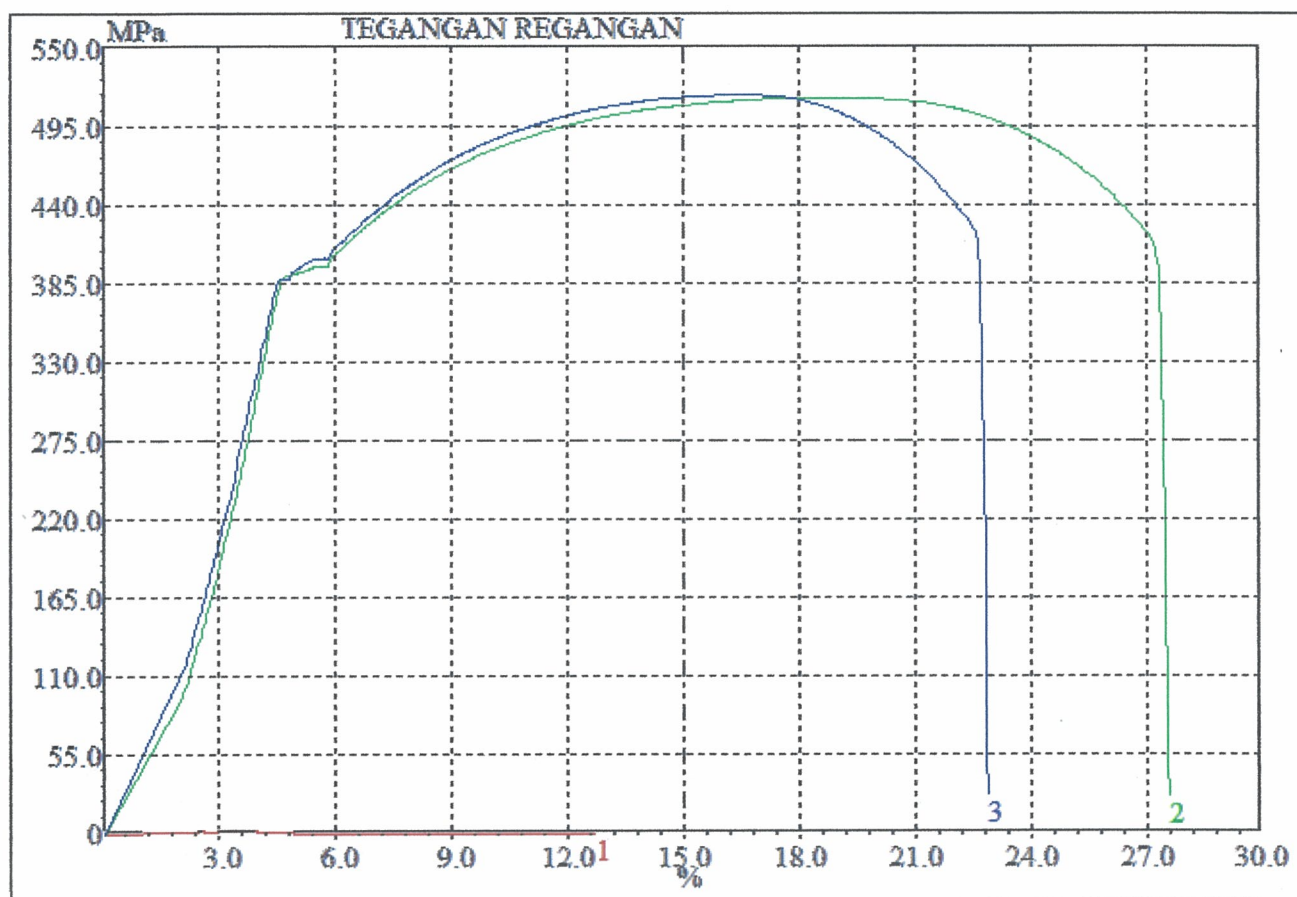


Nama : S.
Instansi : unwahas

Bahan : Baja Karbon Rendah Raw
Standard : E8M-09

HASIL PENGUJIAN TARIK

No	Material	Area mm ²	Yield Point N	Yield Stress MPa	Max. Load N	Max. Stress MPa	Break N	Break MPa	Extension mm	Elongation %
1	Baja ka	54.000	68.581	1.270	94.872	1.757	-29.490	-0.545	6.600	12.692
2	Baja Ks	54.000	21141.588	391.511	27824.932	515.277	1333.937	24.703	14.325	27.548
3	Baja Ks	54.000	20972.798	388.385	27932.214	517.263	1393.092	25.798	11.900	22.885



Semarang, 30-05-2018

Kepala Laboratorium

Helmy Purwanto, ST, MT
NPP. 05.01.1.0060



Tested By : Nur Kholis, ST
NPP. 02.14.0.0303

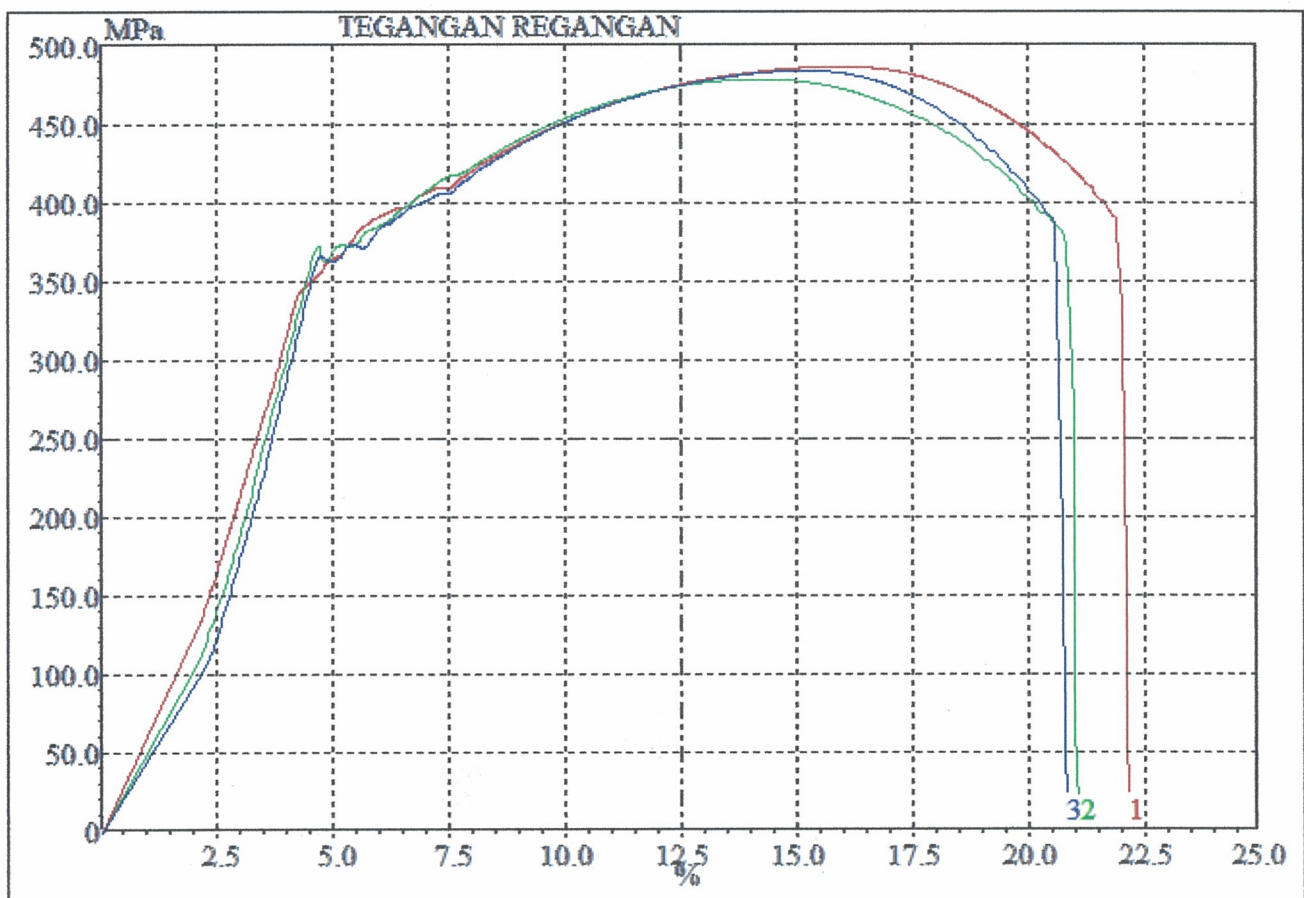


Nama : S.
Instansi : unwahas

Bahan : Baja Karbon Rendah/ karnuh V
Standard : E8M-09

HASIL PENGUJIAN TARIK

No	Material	Area mm ²	Yield Point N	Yield Stress MPa	Max. Load N	Max. Stress MPa	Break N	Break MPa	Extension mm	Elongation %
1	Kampul	54.000	21138.481	391.453	26291.684	486.883	1303.699	24.143	11.512	22.139
2	Kampul	54.000	20138.337	372.932	25866.938	479.017	1288.033	23.852	10.963	21.082
3	Kampul	54.000	19796.830	366.608	26159.223	484.430	1271.281	23.542	10.813	20.793



Semarang, 30-05-2018

Kepala Laboratorium

Helmly Purwanto, ST, MT
NPP. 05.01.1.0060

Tested By : Nur Kholis, ST
NPP. 02.14.0.0303

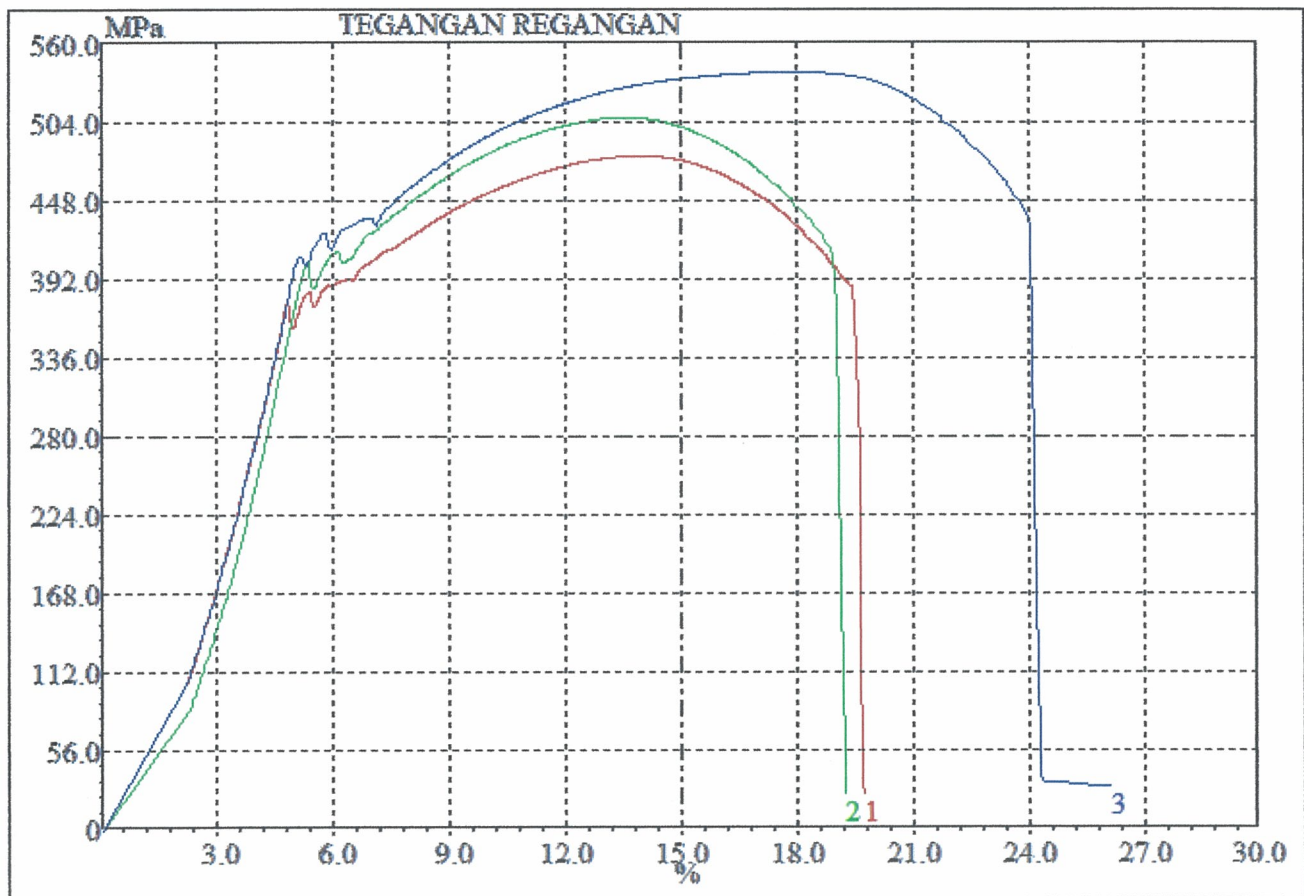


Nama : S.
Instansi : unwahas

Bahan : kampuh double V
Standard : E8M-09

HASIL PENGUJIAN TARIK

No	Material	Area mm ²	Yield Point N	Yield Stress MPa	Max. Load N	Max. Stress MPa	Break N	Break MPa	Extension mm	Elongation %
1	Kampuh	54.000	20369.273	377.209	25928.354	480.155	1275.100	23.613	10.238	19.688
2	Kampuh	54.000	21816.740	404.014	27416.972	507.722	1331.336	24.654	10.000	19.231
3	Kampuh	54.000	22055.757	408.440	29152.238	539.856	1619.577	29.992	13.588	26.130



Semarang, 30-05-2018

Kepala Laboratorium

Helmy Purwanto, ST, MT
NPP. 05.01.1.0060



Tested By : Nur Kholis, ST
NPP. 02.14.0.0303

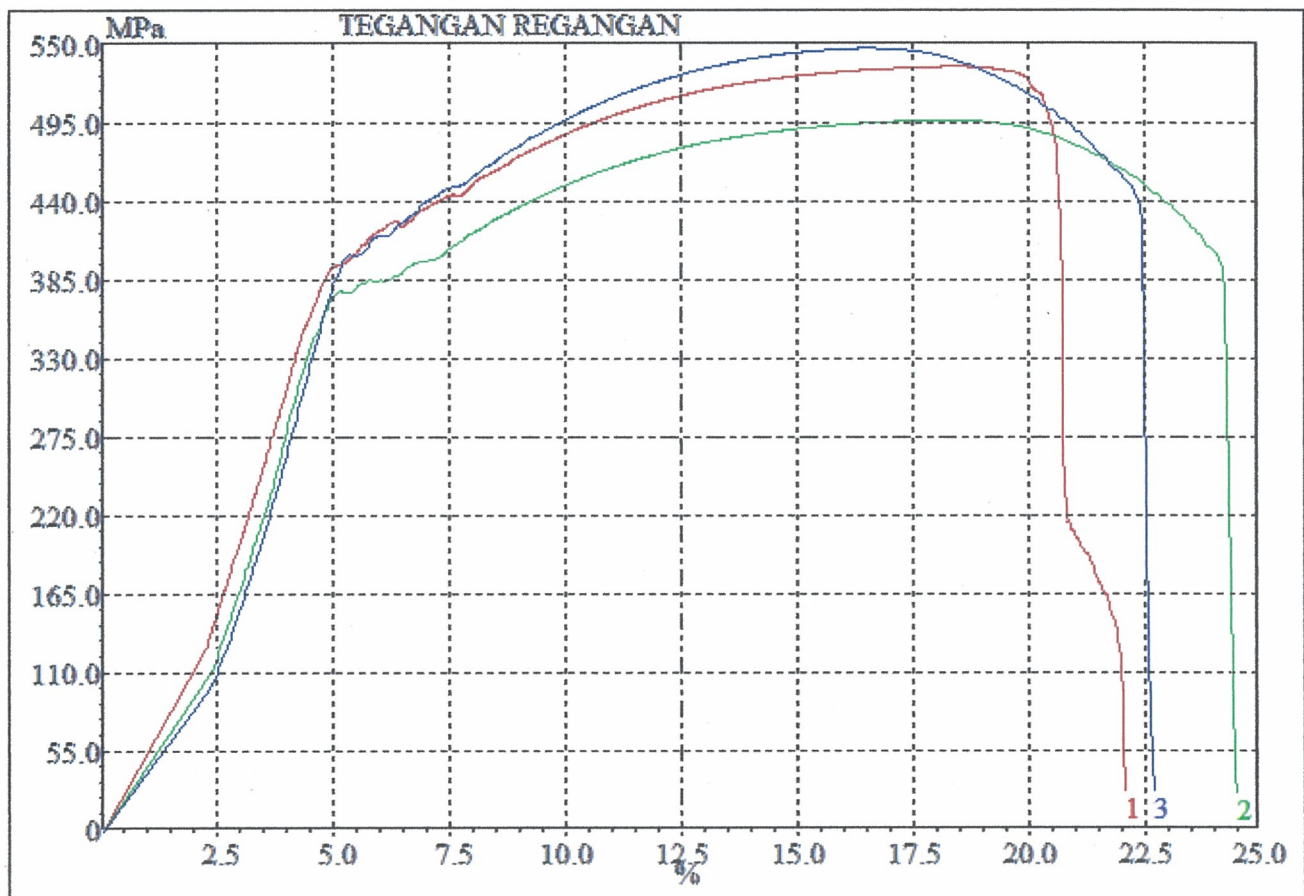


Nama : S.
Instansi : unwahas

Bahan : kampuh U
Standard : E8M-09

HASIL PENGUJIAN TARIK

No	Material	Area mm ²	Yield Point N	Yield Stress MPa	Max. Load N	Max. Stress MPa	Break N	Break MPa	Extension mm	Elongation %
1	Kampuh	54.000	21361.737	395.588	28876.085	534.742	1410.801	26.126	11.475	22.067
2	Kampuh	54.000	20392.092	377.631	26836.647	496.975	1330.493	24.639	12.725	24.471
3	Kampuh	54.000	21765.395	403.063	29568.558	547.566	1451.370	26.877	11.788	22.668



Tested By : Nur Kholis, ST
NPP. 02.14.0.0303