

Universal Test Data - Part 1: Spliced Fibers

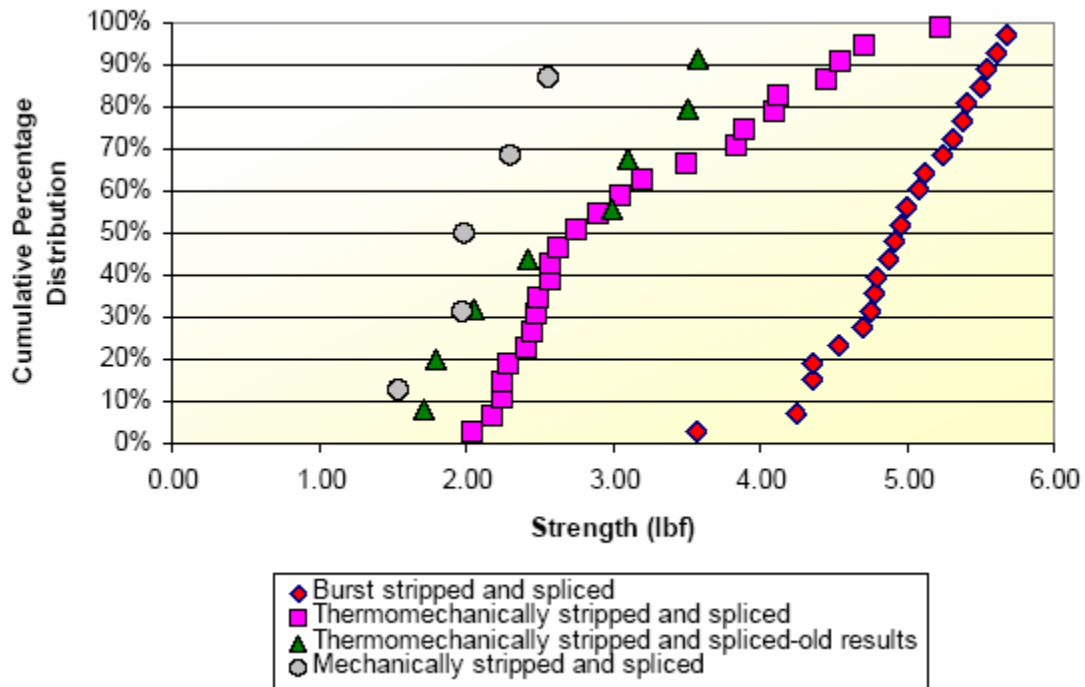
	Recoater	Strip, Cleave Method	lbf	lbf/fiber	Cum	kpsi
1	Recoater A	3SAE	7.13	3.57	0.03	187.4
2	Recoater B	3SAE	8.50	4.25	0.07	223.4
4	Recoater A	3SAE	8.70	4.35	0.15	228.7
5	Recoater B	3SAE	8.71	4.36	0.19	229.0
6	Recoater B	3SAE	9.06	4.53	0.23	238.2
7	Recoater A	3SAE	9.39	4.70	0.27	246.8
8	Recoater A	3SAE	9.49	4.75	0.32	249.5
9	Recoater A	3SAE	9.56	4.78	0.36	251.3
10	Recoater A	3SAE	9.59	4.80	0.40	252.1
11	Recoater B	3SAE	9.75	4.88	0.44	256.3
12	Recoater B	3SAE	9.82	4.91	0.48	258.1
13	Recoater A	3SAE	9.90	4.95	0.52	260.2
14	Recoater A	3SAE	9.98	4.99	0.56	262.3
15	Recoater B	3SAE	10.15	5.08	0.60	266.8
16	Recoater B	3SAE	10.22	5.11	0.64	268.6
17	Recoater B	3SAE	10.48	5.24	0.68	275.5
18	Recoater A	3SAE	10.60	5.30	0.73	278.6
19	Recoater A	3SAE	10.76	5.38	0.77	282.8
20	Recoater B	3SAE	10.80	5.40	0.81	283.9
21	Recoater B	3SAE	10.98	5.49	0.85	288.6
22	Recoater B	3SAE	11.07	5.54	0.89	291.0
23	Recoater A	3SAE	11.20	5.60	0.93	294.4
24	Recoater A	3SAE	11.35	5.68	0.97	298.3
1	Recoater B	Thermomechanical	4.09	2.05	0.03	107.5
2	Recoater A	Thermomechanical	4.36	2.18	0.07	114.6
3	Recoater A	Thermomechanical	4.50	2.25	0.11	118.3
4	Recoater B	Thermomechanical	4.50	2.25	0.15	118.3
5	Recoater B	Thermomechanical	4.57	2.29	0.19	120.1
6	Recoater A	Thermomechanical	4.82	2.41	0.23	126.7
7	Recoater B	Thermomechanical	4.91	2.46	0.27	129.1
8	Recoater B	Thermomechanical	4.94	2.47	0.31	129.9
9	Recoater A	Thermomechanical	4.99	2.50	0.35	131.2
10	Recoater A	Thermomechanical	5.14	2.57	0.39	135.1
11	Recoater A	Thermomechanical	5.15	2.58	0.43	135.4
12	Recoater A	Thermomechanical	5.25	2.63	0.47	138.0
13	Recoater A	Thermomechanical	5.51	2.76	0.51	144.8
14	Recoater A	Thermomechanical	5.79	2.90	0.55	152.2
15	Recoater B	Thermomechanical	6.10	3.05	0.59	160.3
16	Recoater A	Thermomechanical	6.40	3.20	0.63	168.2
17	Recoater B	Thermomechanical	6.99	3.50	0.67	183.7
18	Recoater B	Thermomechanical	7.66	3.83	0.71	201.4
19	Recoater B	Thermomechanical	7.79	3.90	0.75	204.8
20	Recoater B	Thermomechanical	8.20	4.10	0.79	215.5
21	Recoater A	Thermomechanical	8.25	4.13	0.83	216.9
22	Recoater B	Thermomechanical	8.90	4.45	0.87	233.9
23	Recoater B	Thermomechanical	9.08	4.54	0.91	238.7
24	Recoater A	Thermomechanical	9.41	4.71	0.95	247.4
25	Recoater A	Thermomechanical	10.44	5.22	0.99	274.4

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			lbf/fiber			cumed
1	ST10	3.419	1.7095	60	11	0.08
2	ST8	3.58	1.79	52	11	0.20
3	CL5	4.12	2.06	55	11	0.32
4	ST9	4.833	2.4165	52	11	0.44
5	ST6	5.993	2.9965	60	11	0.56
6	CL2	6.202	3.101	55	11	0.68
7	ST7	7.016	3.508	59	11	0.80
8	CL4	7.156	3.578	55	11	0.92

rank	strip length	peak load	cumed
1	7	1.536	0.12963
2	7	1.97	0.314815
3	8	1.9865	0.5
4	8	2.3035	0.685185
5	8	2.5645	0.87037

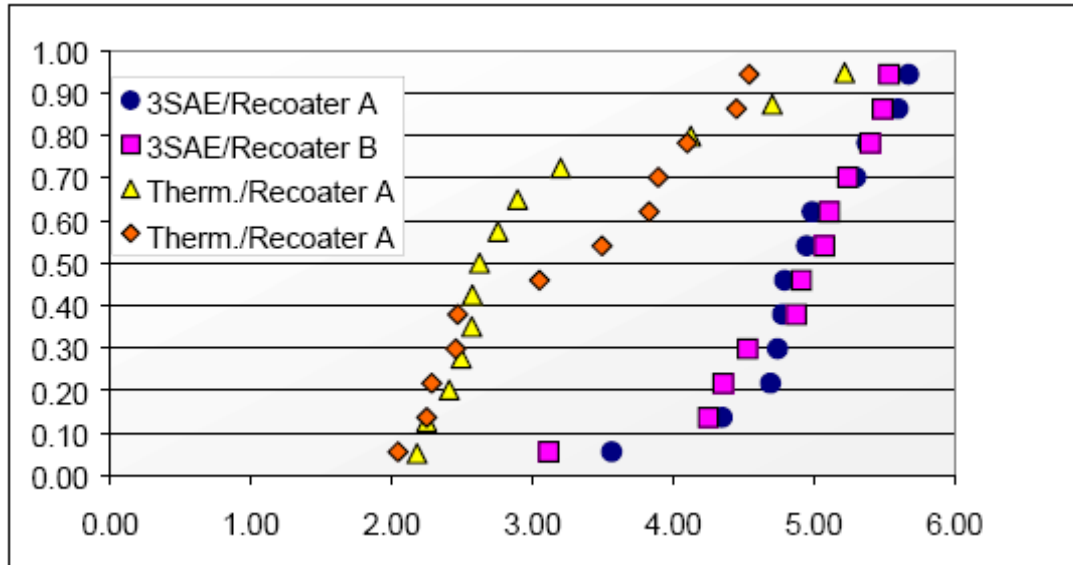


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Sheet 1

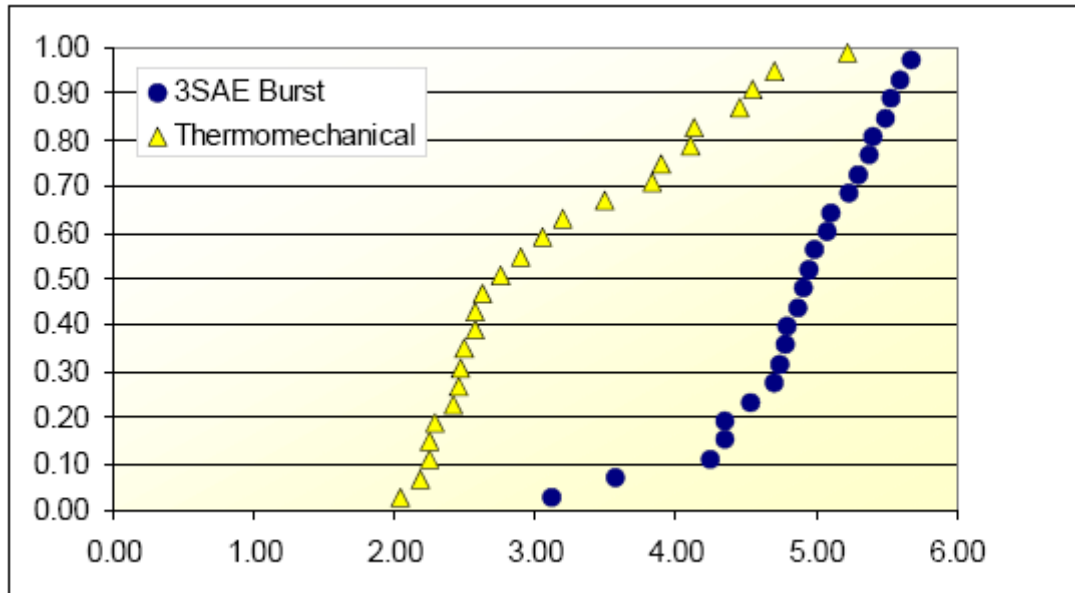
	Recoater	Strip, Cleave Method	lbf	lbf/fiber	Cum	kpsi			Recoater	Strip, Cleave Method	lbf	lbf/fiber	Cum	kpsi
1	Recoater A	3SAE	7.13	3.57	0.06	187.4		1	Recoater A	Thermomechanical	4.36	2.18	0.05	114.6
2	Recoater A	3SAE	8.70	4.35	0.14	228.7		2	Recoater A	Thermomechanical	4.50	2.25	0.13	118.3
3	Recoater A	3SAE	9.39	4.70	0.22	246.8		3	Recoater A	Thermomechanical	4.82	2.41	0.20	126.7
4	Recoater A	3SAE	9.49	4.75	0.30	249.5		4	Recoater A	Thermomechanical	4.99	2.50	0.28	131.2
5	Recoater A	3SAE	9.56	4.78	0.38	251.3		5	Recoater A	Thermomechanical	5.14	2.57	0.35	135.1
6	Recoater A	3SAE	9.59	4.80	0.46	252.1		6	Recoater A	Thermomechanical	5.15	2.58	0.43	135.4
7	Recoater A	3SAE	9.90	4.95	0.54	260.2		7	Recoater A	Thermomechanical	5.25	2.63	0.50	138.0
8	Recoater A	3SAE	9.98	4.99	0.62	262.3		8	Recoater A	Thermomechanical	5.51	2.76	0.57	144.8
9	Recoater A	3SAE	10.60	5.30	0.70	278.6		9	Recoater A	Thermomechanical	5.79	2.90	0.65	152.2
10	Recoater A	3SAE	10.76	5.38	0.78	282.8		10	Recoater A	Thermomechanical	6.40	3.20	0.72	168.2
11	Recoater A	3SAE	11.20	5.60	0.86	294.4		11	Recoater A	Thermomechanical	8.25	4.13	0.80	216.9
12	Recoater A	3SAE	11.35	5.68	0.94	298.3		12	Recoater A	Thermomechanical	9.41	4.71	0.87	247.4
1	Recoater B	3SAE	6.23	3.12	0.06	163.8		13	Recoater A	Thermomechanical	10.44	5.22	0.95	274.4
2	Recoater B	3SAE	8.50	4.25	0.14	223.4		1	Recoater B	Thermomechanical	4.09	2.05	0.06	107.5
3	Recoater B	3SAE	8.71	4.36	0.22	229.0		2	Recoater B	Thermomechanical	4.50	2.25	0.14	118.3
4	Recoater B	3SAE	9.06	4.53	0.30	238.2		3	Recoater B	Thermomechanical	4.57	2.29	0.22	120.1
5	Recoater B	3SAE	9.75	4.88	0.38	256.3		4	Recoater B	Thermomechanical	4.91	2.46	0.30	129.1
6	Recoater B	3SAE	9.82	4.91	0.46	258.1		5	Recoater B	Thermomechanical	4.94	2.47	0.38	129.9
7	Recoater B	3SAE	10.15	5.08	0.54	266.8		6	Recoater B	Thermomechanical	6.10	3.05	0.46	160.3
8	Recoater B	3SAE	10.22	5.11	0.62	268.6		7	Recoater B	Thermomechanical	6.99	3.50	0.54	183.7
9	Recoater B	3SAE	10.48	5.24	0.70	275.5		8	Recoater B	Thermomechanical	7.66	3.83	0.62	201.4
10	Recoater B	3SAE	10.80	5.40	0.78	283.9		9	Recoater B	Thermomechanical	7.79	3.90	0.70	204.8
11	Recoater B	3SAE	10.98	5.49	0.86	288.6		10	Recoater B	Thermomechanical	8.20	4.10	0.78	215.5
12	Recoater B	3SAE	11.07	5.54	0.94	291.0		11	Recoater B	Thermomechanical	8.90	4.45	0.86	233.9
								12	Recoater B	Thermomechanical	9.08	4.54	0.94	238.7

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	Strip, Cleave Method	lbf	lbf/fiber	Cum	kpsi		Strip, Cleave Method	lbf	lbf/fiber	Cum	kpsi
1	3SAE	6.23	3.12	0.03	163.8	1	Thermomechanical	4.09	2.05	0.03	107.5
2	3SAE	7.13	3.57	0.07	187.4	2	Thermomechanical	4.36	2.18	0.07	114.6
3	3SAE	8.50	4.25	0.11	223.4	3	Thermomechanical	4.50	2.25	0.11	118.3
4	3SAE	8.70	4.35	0.15	228.7	4	Thermomechanical	4.50	2.25	0.15	118.3
5	3SAE	8.71	4.36	0.19	229.0	5	Thermomechanical	4.57	2.29	0.19	120.1
6	3SAE	9.06	4.53	0.23	238.2	6	Thermomechanical	4.82	2.41	0.23	126.7
7	3SAE	9.39	4.70	0.27	246.8	7	Thermomechanical	4.91	2.46	0.27	129.1
8	3SAE	9.49	4.75	0.32	249.5	8	Thermomechanical	4.94	2.47	0.31	129.9
9	3SAE	9.56	4.78	0.36	251.3	9	Thermomechanical	4.99	2.50	0.35	131.2
10	3SAE	9.59	4.80	0.40	252.1	10	Thermomechanical	5.14	2.57	0.39	135.1
11	3SAE	9.75	4.88	0.44	256.3	11	Thermomechanical	5.15	2.58	0.43	135.4
12	3SAE	9.82	4.91	0.48	258.1	12	Thermomechanical	5.25	2.63	0.47	138.0
13	3SAE	9.90	4.95	0.52	260.2	13	Thermomechanical	5.51	2.76	0.51	144.8
14	3SAE	9.98	4.99	0.56	262.3	14	Thermomechanical	5.79	2.90	0.55	152.2
15	3SAE	10.15	5.08	0.60	266.8	15	Thermomechanical	6.10	3.05	0.59	160.3
16	3SAE	10.22	5.11	0.64	268.6	16	Thermomechanical	6.40	3.20	0.63	168.2
17	3SAE	10.48	5.24	0.68	275.5	17	Thermomechanical	6.99	3.50	0.67	183.7
18	3SAE	10.60	5.30	0.73	278.6	18	Thermomechanical	7.66	3.83	0.71	201.4
19	3SAE	10.76	5.38	0.77	282.8	19	Thermomechanical	7.79	3.90	0.75	204.8
20	3SAE	10.80	5.40	0.81	283.9	20	Thermomechanical	8.20	4.10	0.79	215.5
21	3SAE	10.98	5.49	0.85	288.6	21	Thermomechanical	8.25	4.13	0.83	216.9
22	3SAE	11.07	5.54	0.89	291.0	22	Thermomechanical	8.90	4.45	0.87	233.9
23	3SAE	11.20	5.60	0.93	294.4	23	Thermomechanical	9.08	4.54	0.91	238.7
24	3SAE	11.35	5.68	0.97	298.3	24	Thermomechanical	9.41	4.71	0.95	247.4
						25	Thermomechanical	10.44	5.22	0.99	274.4

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