

Advanced Strains Testing Program, Maricopa, AZ. 2005

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Fiber	Uniformity
	Yield		Lint	Length	Strength	Length		
	(lbs/A)			(32nds)		(GM/Tex)	(100ths)	Index
DPLX 04Y170BR	1609.8	a	44.7	35.0	5.00	32.5	1.10	81.8
P03X 5079	1516.0	a b	41.3	37.3	5.43	36.4	1.16	83.8
ACGA 20	1348.6	b c	39.6	36.3	5.38	34.4	1.13	82.5
PO3X 5087	1316.0	b c d	36.7	36.3	5.15	35.4	1.12	82.8
DPLX 04T159F	1315.6	b c d	35.4	37.5	5.00	33.0	1.18	83.2
DPLX 04T126DF	1303.0	b c d e	33.4	38.0	5.03	32.2	1.19	82.7
STX 0403RF	1284.2	c d e f	35.3	36.8	5.25	34.4	1.15	83.6
DPLX 05X648DR	1257.5	c d e f g	41.9	35.3	5.05	29.8	1.10	80.9
DPLX 03X179R	1216.0	c d e f g h	41.4	36.3	5.48	32.5	1.14	83.1
DP 449BR	1193.8	c d e f g h	38.6	35.8	5.28	33.4	1.11	82.9
CS 37	1189.9	c d e f g h	35.6	36.8	5.28	33.5	1.14	82.2
PO3X 5080	1183.2	c d e f g h i	36.6	35.8	4.93	35.1	1.11	82.7
STX 0405B2RF	1169.7	c d e f g h i j	35.7	36.5	4.88	34.3	1.14	81.7
ACGA 13	1161.1	c d e f g h i j k	35.1	36.8	4.78	33.4	1.15	81.3
CS 42	1116.3	d e f g h i j k l	35.8	37.3	5.05	34.1	1.16	82.3
DPLX 04X436DF	1092.2	e f g h i j k l m	36.0	36.8	4.73	29.9	1.15	82.8
ACGA 24	1079.4	f g h i j k l m	37.4	37.5	5.08	33.6	1.18	82.0
SCX-246	1072.0	f g h i j k l m n	35.1	36.0	5.45	34.2	1.13	81.7
STX 0406B2RF	1037.4	g h i j k l m n o	32.8	37.0	5.10	33.0	1.15	83.2
DP 448B	1029.8	h i j k l m n o	34.2	36.0	5.18	30.7	1.13	82.2
STX 0414B2RF	1000.9	h i j k l m n o p	31.5	37.5	5.13	34.2	1.17	83.7
CS 43	963.7	i j k l m n o p q	31.1	37.3	4.93	31.6	1.17	82.0
ACGA 32	953.7	j k l m n o p q	31.9	35.5	4.78	30.9	1.11	81.0
ACGA 3	950.4	j k l m n o p q	34.4	36.3	5.00	30.3	1.13	81.2
DPLX 04X495F	940.4	k l m n o p q r	35.9	36.8	4.85	31.3	1.15	81.8
PO3X 4109	926.9	l m n o p q r s	36.1	36.3	4.93	35.3	1.13	82.5
ACGA 30	900.6	l m n o p q r s t	33.5	36.5	4.95	33.4	1.13	82.8
ACGA 22	889.4	m n o p q r s t	37.3	36.3	5.15	33.0	1.13	82.6
DPLX 04Z503DF	884.3	m n o p q r s t	36.4	35.3	4.78	34.0	1.10	82.4
CS 41	850.5	n o p q r s t u	34.8	38.0	4.83	32.8	1.19	82.5
ST 5599BR	848.5	o p q r s t u	37.2	35.0	5.15	30.5	1.08	81.2
STX 0416B2R	838.2	o p q r s t u	34.9	36.8	4.93	31.5	1.14	83.2
SCX-13	816.5	o p q r s t u v	33.8	33.8	4.78	32.8	1.06	82.1
CS 44	785.2	p q r s t u v	33.6	35.8	5.15	32.0	1.12	82.0
ACGA 7	753.2	q r s t u v	37.0	35.0	5.23	34.4	1.09	82.0
SCX-11	753.0	q r s t u v w	40.5	32.3	5.03	33.9	1.01	81.5
PO3X 5075	744.5	q r s t u v w x	38.0	36.0	5.15	33.6	1.12	82.9
ACGA 39	723.9	r s t u v w x	37.1	36.0	4.80	31.6	1.12	81.8
PO3X 5076	722.2	r s t u v w x	34.9	36.5	4.98	31.4	1.14	82.8
DPLX 04Z600DF	721.4	r s t u v w x	40.4	35.8	4.95	35.0	1.12	81.6
DPLX 04Z602F	709.3	s t u v w x	37.2	35.3	4.90	31.9	1.10	81.9
CS 38	697.1	t u v w x	40.6	36.5	4.53	32.3	1.14	82.3
PO3X 4100	681.0	t u v w x y	36.1	35.8	5.10	33.2	1.12	83.3
STX 0404B2RF	656.9	u v w x y z	37.9	35.8	5.15	34.3	1.11	82.1
PO3X 4099	651.4	u v w x y z	36.1	36.0	5.05	33.3	1.13	82.5
ACGA 13	598.9	v w x y z	36.2	34.8	4.68	30.5	1.09	81.3
STX 0401RF	531.5	w x y z	38.5	34.3	4.75	31.4	1.07	81.9
DPLX 04Z603F	528.4	x y z	35.8	35.3	4.78	35.8	1.11	82.3
PO3X 5091	465.8	y z	35.5	33.3	4.85	30.7	1.04	81.8
DPLX 04X462F	459.2	z	36.3	35.0	4.60	30.3	1.10	81.4
LSD§	221.6		5.2	1.1	0.26	2.2	0.03	1.6
OSL†	0.0001		0.0002	0.0001	0.0001	0.0001	0.0001	0.0306
CV‡	16.5		10.3	2.2	3.7	4.7	2.2	1.4

*Means followed by the same letter are not significantly different according to a Fisher's least significant difference means separation test.

§ Least Significant Difference

† Observed Significance Level

‡ Coefficient of Variation