

Advanced Strains Testing Program, Safford, AZ. 2006

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Uniformity
	Yield		Lint	Length	Strength	Index	
	(lbs/A)			(32nds)		(GM/Tex)	
FM960B2R	1978.2	a	37.3	38.8	3.95	30.4	82.0
FM988LLB2	1974.8	a	36.7	37.3	3.85	28.1	81.5
CS47	1911.6	a b	37.7	37.0	3.83	27.9	81.5
PO3X4107	1900.3	a b c	36.5	37.8	3.83	26.2	81.4
PO2X5068	1891.2	a b c d	38.9	37.8	4.10	29.1	82.8
PO3X5077	1873.4	a b c d	39.6	36.8	4.08	27.7	82.4
FM989B2R	1872.3	a b c d e	37.3	38.0	3.90	29.2	82.1
PO3X7040	1816.8	a b c d e f	43.9	38.8	3.93	31.8	83.8
PO3X4094	1785.5	a b c d e f g	36.7	37.3	3.85	27.3	82.7
CS45	1768.2	a b c d e f g h	37.0	37.3	3.80	28.5	81.6
SCX 246	1765.5	a b c d e f g h	36.1	37.8	3.93	29.9	82.4
PO3X3043	1764.8	a b c d e f g h	35.7	36.8	4.10	26.8	82.5
DP164B2F	1734.0	b c d e f g h i	35.8	38.5	3.68	29.2	82.2
DG2242B2RF	1727.0	b c d e f g h i	35.7	36.8	4.13	25.2	81.1
DG2215B2RF	1723.2	b c d e f g h i j	35.6	37.0	3.68	26.2	81.4
PO2X3003	1722.9	b c d e f g h i j	37.3	36.5	3.83	26.7	82.3
SCX 15	1720.1	b c d e f g h i j	36.9	36.8	3.58	27.1	80.3
PO3X7082	1717.9	b c d e f g h i j	35.7	40.3	4.05	30.6	83.7
0122-2015-305	1715.9	b c d e f g h i j	36.0	37.3	3.85	29.8	83.1
DP432R	1687.9	c d e f g h i j k	36.7	36.3	4.18	27.0	82.6
DPLX06W650F	1677.3	d e f g h i j k l	36.5	36.8	3.58	27.9	82.6
CS44	1656.8	e f g h i j k l	36.9	37.3	4.18	27.8	80.3
CS51	1626.7	f g h i j k l	34.4	37.0	3.53	29.9	81.5
SCX 18	1624.8	f g h i j k l	36.1	37.8	3.68	28.1	80.9
CS37	1615.7	f g h i j k l	36.6	37.0	3.65	29.0	81.5
DPLX06W660F	1615.2	f g h i j k l m	38.2	36.8	4.18	28.2	82.3
STX0505B2RF	1613.4	f g h i j k l m	38.1	37.0	3.83	29.5	83.0
PO3X3026	1608.9	f g h i j k l m	36.4	38.3	3.68	26.8	82.1
CS38	1604.3	f g h i j k l m	35.4	38.3	3.60	29.2	82.3
CS48	1592.0	g h i j k l m n	36.9	39.3	3.90	28.1	81.6
DG2520B2RF	1578.0	g h i j k l m n	35.5	38.3	3.58	25.4	81.0
PO3X4088	1577.1	g h i j k l m n	38.0	35.5	3.75	27.5	81.4
DP449BR	1560.8	h i j k l m n	37.2	36.5	3.88	28.7	81.7
0112-2006-302	1559.1	h i j k l m n	36.2	38.8	3.70	30.1	81.1
DG2100B2RF	1557.4	h i j k l m n	36.5	36.3	3.75	25.5	81.6
CS50	1539.1	i j k l m n	37.9	37.8	3.88	27.2	82.0
CS49	1535.6	j k l m n	36.2	36.0	3.93	27.6	81.5
0116-2009-307	1508.1	j k l m n	33.6	38.8	3.58	28.9	81.4
FM9063B2R	1497.1	k l m n	35.0	39.8	3.85	31.0	82.0
FM965LLB2	1492.3	k l m n	34.3	37.5	3.83	29.9	81.3
0116-2011-309	1490.5	k l m n o	33.8	39.5	3.55	29.6	81.8
CS46	1484.1	k l m n o	36.7	36.8	3.93	29.7	82.2
STX0503RF	1479.7	k l m n o	37.8	37.3	3.55	28.7	82.5
STX0504RF	1478.3	k l m n o	34.7	37.3	3.70	27.8	82.1
0112-2006-307	1467.6	l m n o p	34.7	37.8	3.75	26.9	79.4
FM955LLB2	1464.2	l m n o p	34.1	38.5	3.95	27.8	81.9
0101-21665-305	1399.1	m n o p	34.0	36.8	3.18	28.1	81.9
0122-2053-301	1386.9	n o p	35.8	37.0	3.90	28.3	82.4
0116-2012-306	1275.1	o p	34.2	36.5	3.95	29.2	81.6
0101-2161-304	1275.0	o p	35.9	37.0	3.68	28.3	81.7
0122-2030-303	1255.5	p	35.0	36.5	3.55	30.3	83.1
LSD§	216.2		1.8	1.0	0.35	1.4	1.1
OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001
CV‡	9.5		3.1	1.9	6.7	3.6	1.0

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

§ Least Significant Difference

† Observed Significance Level

‡ Coefficient of Variation