

Proj Name: LMK Enterprises, Inc

Date: 01/12/11

Client: LMK ENTERPRISES, INC

Attn: Mr. Brad Kampbell, P.E.

Basilico Engineering #: 2010-003

Date Sample Submitted: 01/07/11; Date Sample Tested: 01/11/11

Task Order: #6 - 1

TEST REPORT

Project Type: Determination of Tensile Strength per ASTM D 638-03

Instrument: INSTRON Model 5500R with pneumatic grips-2.00"/(2.0 inch/min) rate

Test Specimen Conditioning: 72 Degrees F; 50% Relative Humidity

TENSILE STRENGTH TEST & RESULTS

Sample ID/ Description	Specimen Type	Specimen Size (inches)	Tensile Strength (psi)	Modulus of Elasticity (psi)	Elongation % (2.0" Gage) %
LMK Enterprises Task Order #6-1 72 Degree F 50% RH	Type I	.218X.505	12480	77476	13.7
		.210X.507	16175	82383	15.3
		.217X.498	12438	77416	13.2
		.217X.511	12744	79041	13.4
		.219X.506	13890	77276	14.5
Average			13545	78718	14.0

Respectfully Submitted,

BASILICO ENGINEERING, INC

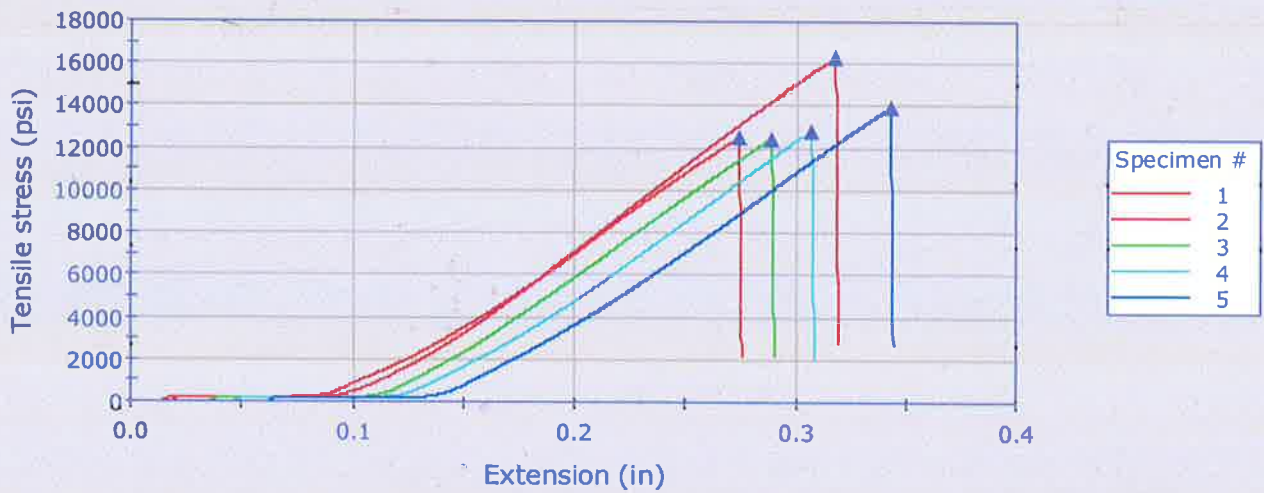


Lawrence I. Nwachukwu, P.E.
Principal

LIN/deb

Specimen 1 to 5

Task Order # 6-1



	Specimen label	Thickness (in)	Width (in)	Area (in ²)	Load at Tensile Strength (lbf)	Tensile stress at Tensile Strength (psi)	Modulus (psi)	Extension at Break (in)
	1 test plate	0.218	0.505	0.1101	1373.92	12480	77476	0.274
	2 test plate	0.210	0.507	0.1065	1722.11	16175	82383	0.305
	3 test plate	0.217	0.498	0.1081	1344.09	12438	77416	0.263
	4 test plate	0.217	0.511	0.1109	1413.18	12744	79041	0.268
	5 test plate	0.219	0.506	0.1108	1539.26	13890	77276	0.290
Mean		0.216	0.505	0.1093	1478.51	13545	78718	0.280