

AMERICAN COATINGS TECHNOLOGIES
 P.O. Box 294
 East Aurora, NY 14052

December 21, 2016
 Lab No. 16P-6069a
 P.O. No. 14797
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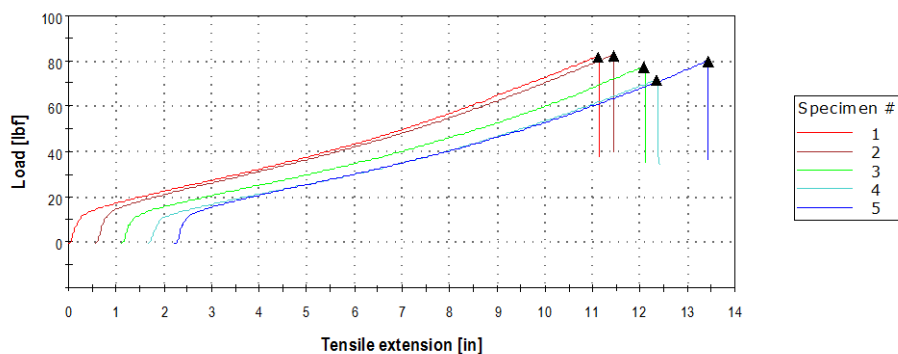
Attention: Art Fleahman

Report of Tensile Strength Test

SAMPLE: 5 each, AM 1949
SUBJECT: Tensile Strength Test
METHOD: ASTM D638-14 (Type IV, Rate of 20in/min)
INSTRUMENT: Instron 5500R with Bluehill 3 software
RESULTS:

Sample	Width [in]	Thickness [in]	Area [in ²]	Maximum Load [lbf]	Tensile Stress [psi]	Ultimate Elongation [%]
1	0.250	0.096	0.024	81.9	3413	506
2	0.250	0.100	0.025	82.5	3300	515
3	0.250	0.088	0.022	77.4	3519	511
4	0.250	0.084	0.021	71.7	3414	502
5	0.250	0.093	0.023	79.7	3430	520
Average				78.7	3415	511

Tensile Strength



Identification of tested specimens provided by the client

KS/sen

Karl Schmitz, Director
 Materials Testing

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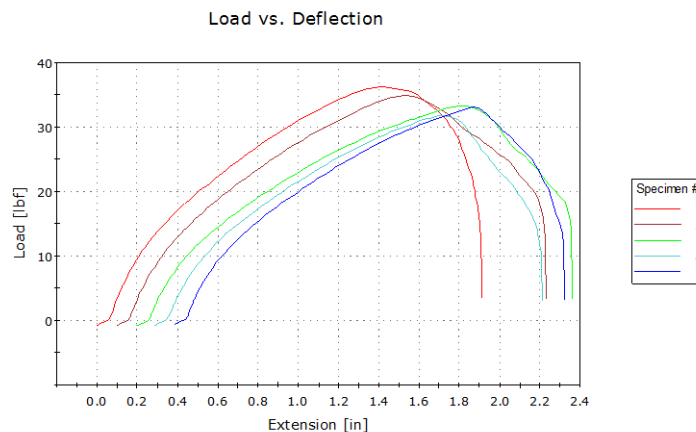
Attention: Art Fleahman

Report of Tear Strength Test

SAMPLE: 5 each, AM 1949
SUBJECT: Tear Strength
METHOD: ASTM D624-00(2012) (Type C, Rate of 20 in. /min.)
TEST CONDITIONING: Temp: 72°F RH: 50%
TEST INSTRUMENT: Instron 5500R w/ Bluehill 3 Software
RESULTS:

Sample #	Thickness (in)	Max Load (lbf)	Tear Strength (lbf/in)
1	0.093	36.19	389.19
2	0.089	34.64	389.27
3	0.087	33.28	382.49
4	0.082	31.43	383.28
5	0.084	32.42	385.99
Average		33.59	386.05

Identification of tested samples provided by the client.



KS/sen

Karl Schmitz, Director
 Materials Testing