

MTL Group, Inc.

CONSULTING ENGINEERS

448 Eisenhower Lane North • Lombard, IL 60148
Office: (630)576-2600 Fax: (630)576-2604
Email: mtl@mtlchicago.com Web: www.mtlchicago.com

LABORATORY REPORT

DesLauriers, Inc.
3040 S. 26th Avenue
Broadview, IL 60155
Attn: Mr. Joe Minor

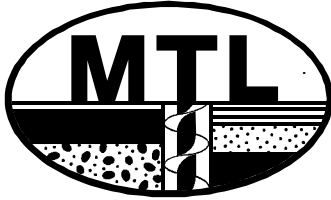
PROJECT: Laboratory Testing of
Red Plastic Shims PC4218
P.O. # 0013327

DATE TESTED: 01/31/07

MTL REPORT NO: 076380-02R

A. Compressive Strength, psi and load Vs. deflection.

Sample	Compressive Strength	
Color	-	Red
Part No.	PC4218	
Length, inches	-	3 ⁷ / ₈
Width, inches	-	1 ⁷ / ₈
Thickness, inches	-	¹ / ₈
Test Area, Sq. In.	-	7.26
Load, lbs	PSI	Deflection, in.
1,000	138	0.002
2,000	275	0.003
3,000	413	0.004
4,000	551	0.004
5,000	689	0.005
6,000	826	0.005
7,000	964	0.006
8,000	1102	0.007
9,000	1240	0.008
10,000	1377	0.009
12,000	1653	0.010
14,000	1929	0.011
16,000	2204	0.012
18,000	2499	0.014
20,000	2755	0.015
22,000	3030	0.016
24,000	3306	0.017
26,000	3581	0.018
28,000	3857	0.019
30,000	4132	0.020
35,000	4821	0.023



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Date Tested: 01/31/07
Client: DesLauriers, Inc.

40,000	5510	0.025
45,000	6198	0.027
50,000	6887	0.029
55,000	7576	0.030
65,000	8953	0.032
75,000	10331	0.034
85,000	11708	0.036
95,000	13085	0.038
105,000	14463	0.041
125,000	17218	0.043
145,000	19972	0.046
165,000	22727	0.048
185,000	25482	0.051
205,000	28237	0.052
225,000	30942	0.052

Respectfully submitted,
MTL GROUP, INC.
Joseph Z. Khakshour



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MATERIAL TESTING LABORATORIES, INC.

CONSULTING ENGINEERS

9920 ROOSEVELT ROAD
PO Box 7008
WESTCHESTER, IL 60154

SUBURBAN: 708-345-6400 FAX: 708-345-6495
CHICAGO: 773-MTL-2828
[685-2828]

LABORATORY REPORT

DesLauriers, Inc.
PO Box 189
Bellwood, IL 60104
Attn: Mr. John Bloemke
Operation Manager

PROJECT: Laboratory Testing of
Plastic Shims (U Shape)

DATE TESTED: 4/12/04

MTL REPORT NO: 046164-01

A. Compressive Strength, psi and load Vs. deflection, inches of clear plastic shims

Sample	Compressive Strength	#54 Hollow	#54 Solid	#58 Solid	#56 Solid
Color		Black	Black	Red	Blue
Length, inches		4.0	4.0	4.0	4.0
Width, inches		3.0	3.0	3.0	3.0
Thickness, inches		1/4	1/4	1/8	1/16
Test Area, Sq. In.		9.00	9.00	9.00	9.00
Load, lbs	PSI	Deflection, in.	Deflection, in.	Deflection, in.	Deflection, in.
5,000	556	0.0008	0.0005	0.0004	0.0002
10,000	1111	0.0025	0.0020	0.0009	0.0003
15,000	1667	0.0043	0.0028	0.0012	0.0004
20,000	2222	0.0067	0.0035	0.0015	0.0004
25,000	2778	0.0085	0.0038	0.0019	0.0005
30,000	3333	0.0105	0.0041	0.0022	0.0005
35,000	3889	0.0135	0.0045	0.0025	0.0006
40,000	4444	0.0200	0.0047	0.0028	0.0006
45,000	5000	0.0270	0.0051	0.0030	0.0007
50,000	5556	0.0310	0.0053	0.0034	0.0007
60,000	6667	0.0410	0.0058	0.0037	0.0009
70,000	7778	0.0490	0.0065	0.0040	0.0010
80,000	8889	0.0585	0.0074	0.0042	0.0012
90,000	10,000	0.0650	0.0080	0.0044	0.0014
100,000	11,111	0.0715	0.0088	0.0045	0.0016
110,000	12,222	0.0785	0.0095	0.0046	0.0017
120,000	13,333	0.0865	0.0103	0.0047	0.0018

Respectfully submitted,
MATERIAL TESTING LABORATORIES, INC.
Joseph Z. Khakshour