

MTL Group, Inc.

CONSULTING ENGINEERS

448 Eisenhower Lane North • Lombard, IL 60148
Office: (630)576-2600 Fax: (630)576-2604
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LABORATORY REPORT

C.R. Laurence Co., Inc.
2503 E. Vernon Ave
Los Angeles, CA 90058-1826

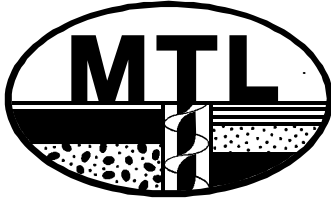
PROJECT: Laboratory Testing of
Black Plastic Shims PBS04
P.O. # 0013327

DATE TESTED: 01/31/07

MTL REPORT NO: 076380-03R

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

Sample	Compressive Strength	
Color	-	Black
Part No.	PBS04	
Length, inches	-	3 ⁷ / ₈
Width, inches	-	1 ⁷ / ₈
Thickness, inches	-	¹ / ₄
Test Area, Sq. In.	-	7.26
Load, lbs	PSI	Deflection, in.
1,000	138	0.001
2,000	275	0.003
3,000	413	0.004
4,000	551	0.005
5,000	689	0.007
6,000	826	0.008
8,000	1102	0.009
10,000	1377	0.010
12,000	1653	0.012
14,000	1929	0.013
16,000	2204	0.014
18,000	2499	0.015
20,000	2755	0.016
22,000	3030	0.018
24,000	3306	0.020
26,000	3581	0.021
28,000	3857	0.023
30,000	4132	0.025
35,000	4821	0.028
40,000	5510	0.031
45,000	6198	0.033



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Page 1 of 2

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50,000	6887	0.035
60,000	8264	0.038
70,000	9642	0.041
80,000	11019	0.043
90,000	12397	0.045
100,000	13774	0.047
120,000	16529	0.050
140,000	19288	0.053
160,000	22039	0.056
180,000	24793	0.059
200,000	27548	0.063
220,000	30303	0.067
240,000	33058	0.072
260,000	35813	0.076

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